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SUGAR REPORTS

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MARKET REVIEW

The strike of production workers, which began on June 1, 1970 at the large cane sugar refinery on the West Coast, was settled on Sept. 22 when the union membership approved the negotiated wage settlement. The refinery was expected to be back in full operation within a few days. This development will ease the supply situation on the West Coast where marketings of refined beet sugar have met the demand during the summer but have been hard pressed to keep abreast:

Sales of sugar this year through Sept. 19 continue at a record rate. According to preliminary reports, distribution by all primary distributors totaled 8,139,000 short tons, raw value, compared with 7,610,000 tons and 7,732,000 tons, respectively, during the comparable periods of 1969 and 1968. When constructive deliveries ^{1/}are taken into account, physical distribution in the 1970 period totaled 8,179,000 tons compared with 7,827,000 tons 7,743,000 tons, respectively during the 1969 and 1968 periods.

Deliveries of sugar in each month of 1970 through August exceeded those of the corresponding months of last year and in January, February and June were the largest ever recorded for those months. March deliveries in 1970 were the largest since 1941 and April and May deliveries the largest since the sugar hoarding year 1963. July sales were the largest reported for that month since 1966. Preliminary reports indicate deliveries in August 1970 were second to those of August 1968.

Cane sugar refiners' reported distribution of 5,432,000 tons of sugar through Sept. 19, 1970 compared with 5,220,000 tons and 5,535,000 tons during the same periods of 1969 and 1968. Beet sugar processors' reported deliveries of 2,565,000 tons through Sept. 19, 1970 compared with 2,250,000 tons and 2,022,000 tons during those periods of 1969 and 1968.

Regionally, reported deliveries of refined sugar during the first seven months of 1970 were 7.8 percent larger than during those months of 1969. Increases occurred in each of the five regions -- The North Central region, the most, up 11.7 percent -- followed by the West which was up 8.5 percent, the mid-Atlantic region, up 5.8 percent, the South, up 5.3 percent and the New England region, up 2.0 percent. Deliveries were larger during the 1970 period in 40 states, smaller in nine and about the same in one.

^{1/} Sugar sold before year's end but physically delivered in the first two months of the following year.

Deliveries of sugar to processors of food, beverages and other products in the first half of 1970 were 11.2 percent above those of the first half of 1969 while deliveries for consumption in the homes and institutions increased 10.1 percent. All of the six food processing groups received more sugar during the 1970 half. Deliveries to beverage manufacturers were up the most, 16.2 percent, followed by multiple and unclassified food uses, up 11.7 percent, confectionery, up 10.9 percent, bakery, cereal and allied products, up 10.3 percent, canners, up 5.4 percent and ice cream and dairy products, up 2.1 percent. Deliveries for use in industrial non-food products increased 13.3 percent. Three of the four non-industrial categories received more sugar in the first half of 1970 than in this period of 1969. Deliveries to retail grocers increased the most, up 17.6 percent, followed by wholesalers, up 7.5 percent and hotels, restaurants and institutions, up 3.8 percent. Deliveries to all other non-industrial users were down 8.7 percent.

Deliveries of sugar in consumer-size packages (less than 50 pounds) by primary distributors during the first half of 1970 were up 7.4 percent as compared with the first half of 1969. Increases occurred in all of the geographical regions ranging from 13.1 percent in the North Central Region to 3.8 percent in the West. Both beet and cane sugar shared in the increases with over-all reported deliveries of beet sugar in consumer-size packages up 25.6 percent compared with an increase of 4.0 percent for cane sugar. The relative proportions of total consumer-size package deliveries in the first half of 1970 were 81.7 percent cane sugar and 18.3 percent beet and for the first half of 1969, 84.3 percent cane sugar and 15.7 percent beet.

First half deliveries of liquid sugar, both beet and cane, by primary distributors during 1970 were up 11.7 percent as compared with 1969; deliveries of liquid beet sugar, which accounted for about 17.2 percent of all liquid sugar delivered during the period, increased eight percent while deliveries of liquid cane sugar increased 12 percent.

First half 1970 deliveries of bulk granulated sugar, both beet and cane, by primary distributors were up 13.2 percent as compared with the first half of 1969: deliveries of bulk cane sugar, which accounted for about 54 percent of all bulk sugar delivered during the period, increased 13.7 percent while deliveries of bulk beet sugar increased 12.7 percent.

Dextrose sales by primary distributors in the first half of 1970 were 2.1 percent above those of the first half of 1969. Sales to industrial users, which accounted for about 97 percent of all dextrose sales reported, increased 2.4 percent and sales to non-industrial users decreased 7.0 percent. Four of the seven industrial type users received more dextrose during the 1970 half as compared with 1969 -- three received less. Those with increases were manufacturers of beverages up 20.3 percent, ice cream

and dairy products up 13.0 percent, multiple and unclassified food uses up 10.1 percent and industrial non-food products up 8.8 percent. Deliveries of dextrose to canners declined the most, down 8.9 percent followed by deliveries to bakeries down 2.7 percent and deliveries to confectioners down 1.8 percent.

Preliminarily reported stocks of raw and refined sugar held by all primary distributors as of Aug. 29, 1970 totaled 1,324,000 short tons, raw value. This was about 402,000 tons less than at the end of July and 373,000 tons less than the end of August a year ago. Cane refiners' stocks reported as 693,000 tons were about 47,000 tons less than a month earlier and 180,000 tons less than a year earlier. Beet processors' reported stocks of 545,000 tons were down 297,000 tons from the end of July and down 123,000 tons from the end of August 1969.

Since the last issue of Sugar Reports, three announcements affecting the quoted price for refined sugar sold at wholesale in the basis pack were noted. In the Pacific Coast region a beet sugar processor announced on Aug. 25, that effective Sept. 1, the quoted wholesale price for 100-pound bags of refined sugar would be increased .15 cent per pound from 11.05 cents to 11.20 cents. Other interested sellers in the region followed with similar announcements. In the Gulf region, the previously noted increase of .15 cent per pound --from 11.25 cents to 11.40 cents -- in the quoted wholesale price for refined sugar sold in 100-pound paper bags did not go into effect on Sept. 1 as announced. The reason for this was the fact that sellers in the region began accepting orders for shipment and delivery during the period Sept. 1 through Oct. 31, at prices in effect prior to the announced increase -- 11.15 cents per pound.

On Sept. 14, in the Chicago-West region, a beet sugar processor announced an increase of .10 cent per pound -- from 11.35 cents to 11.45 cents -- in the quoted wholesale price for refined sugar sold in 100-pound paper bags, the basis pack. Other interested sellers followed with similar increases but one extended the time during which orders would be accepted at pre-advance prices to Sept. 18 and another to Sept. 30.

Shown below are the price quotations for refined sugar sold at wholesale in the basis pack by regions. Significant variations of actual prices from the quoted prices may be found in certain areas reflecting competitive conditions.

Cane Beet
Cents per pound in 100-pound paper bags

Northeast	12.20	
Southeast	11.65	
Gulf	11.15/11.40	
Eastern beet		11.35
Chicago-west	11.35/11.45	11.35/11.45
Southwest	11.35/11.45	11.35/11.45
Lower Pacific	11.20	11.20
Northwest intermountain	11.05	11.05

The U.S. average retail price for refined sugar sold in 5- pound paper bags was 13.12 cents per pound in August, up from 13.04 cents in July and 12.52 cents in August of last year. For the period January-August 1970 the price averaged 12.81 cents per pound compared with 12.35 cents during the first eight months of 1969.

Prospects for the 1970 sugarbeet crop improved about two percent during August, according to the Department's Crop Reporting Board. Based on conditions as of Sept. 1, production is now forecast at 25.7 million tons compared with 25.0 million tons forecast a month earlier. If the Sept. 1 forecast is realized, the 1970 crop in terms of sugarbeet tonnage would be about 8 percent less than the record 1969 crop and about one percent more than the 1968 crop. Yield prospects improved in California, Michigan, Minnesota and Wyoming.

Prospects for mainland sugarcane production for sugar and seed improved slightly during August, with improved indicated yields in Louisiana more than offsetting a decline in Florida. If the Sept. 1 forecast is realized, mainland sugarcane production would total about 13,835,000 tons, or about 19 percent more than from the 1969 crop.

The price for raw sugar, duty paid and delivered to New York as quoted on the New York Coffee and Sugar Exchange, fluctuated between 8.18 cents and 8.20 cents per pound during August and averaged 8.19 cents. This was up from 8.16 cents in July and 7.75 cents during August a year ago. The quotation began September on a strong note at 8.20 cents per pound but on Sept. 9 weakened to 8.18 cents and on Sept. 10 to 8.14 cents. The quotation was 8.14 cents per pound on Sept. 29 and during the period Sept. 1-29 averaged 8.16 cents per pound compared with 7.83 cents during the same period last year.

Production of cane sugar in Hawaii through Sept. 5, 1970 totaled 902,774 tons 96° basis compared with 840,431 through Sept. 6, 1969. The 1969 figures were still showing the effects of a work stoppage during February and March. Production through Sept. 7, 1968 totaled 946,013 tons.

The spot quotation for World sugar, bagged and stowed at Greater Caribbean ports, including Brazil (No. 8 Contract) averaged 3.89 cents per pound during August, up from 3.86 cents during July and 3.18 cents during August of last year. The quotation has strengthened as the year progressed, starting 1970 at 2.85 cents and reaching 4.02 cents per pound on Sept. 11. The spot quotation for the No. 11 Contract (stowed bulk basis) which replaces the No. 8 Contract, now in process of liquidation, averaged 3.83 cents per pound during August compared with 3.80 cents during July. The differences in the quotations, which primarily reflect the costs of bags and bagging, averaged .10 cent in May, .08 cent in June, .06 cent in July and .06 cent in August. The Board of Managers of the New York Coffee and Sugar Exchange recently passed a resolution which will result in the phasing out of the No. 8 Contract (bagged) in favor of the No. 11 Contract (bulk). After Aug. 24 trading in the No. 8 Contract will continue on a normal basis for the remaining months of the current year, while for 1971 delivery months only liquidation orders will be traded.

BACKGROUND DATA ON 1971 SUGAR REQUIREMENTS

Following is an outline of the basic considerations which the Secretary uses in arriving at an initial determination of sugar requirements for 1971 and the pertinent statistical series which are customarily published in the September issue of Sugar Reports.

Section 201 of the Sugar Act places upon the Secretary of Agriculture a responsibility which may be outlined as follows:

THE
PROBLEM

To determine during the last three months of 1970 the quantity of sugar needed in 1971 to meet the requirements of consumers in the continental United States.

THE
OBJECTIVE

To provide a supply of sugar that will be consumed at prices which will not be excessive to consumers and which will fairly and equitably maintain and protect the welfare of the domestic sugar industry.

IN MAKING
THIS DETER-
MINATION THE
SECRETARY
MUST:

Use as a basis:
the quantity of direct-consumption sugar distributed during the 12-month period ending September 30, 1970.

Make allowances for:
deficiency or surplus in inventories;
changes in population;
changes in other demand conditions.

Take into consideration:
the above basis and allowances;
the level and trend of consumer purchasing power; and also consider
the relationship between raw sugar prices which would result from such determination and the parity index (prices paid by farmers) as compared with the relationship between raw sugar prices and the parity index during 1957-59.

Item	Unit or base period	1957-59 average	1969		1970	
			Year	July	May	July
Population,continental U.S.including armed forces abroad,(July 1 or first of month)	1,000 persons	174,173	202,476	202,476	204,273 _p	204,643 _p
Per capita disposable income	1935-39=100	359	605	<u>1/</u> 612	<u>2/</u> 648	
Gross national product	Billion \$	457.4	931.4	<u>1/</u> 942.6	<u>2/</u> 971.1	
Consumption	Billion \$	294.2	577.5	<u>1/</u> 582.1	<u>2/</u> 614.4	
Investment	Billion \$	68.0	139.8	<u>1/</u> 143.8	<u>2/</u> 134.3	
Government expenditures	Billion \$	92.4	212.2	<u>1/</u> 214.1	<u>2/</u> 218.4	
Income and spending						
National income,annual rate	Billion \$	378.0	769.5	<u>1/</u> 799.5	<u>2/</u> 797.7	
Personal income,annual rate	Billion \$	365.3	746.2	752.7	799.7	801.8
Total retail sales, monthly rate	Million \$	17,098	29,303	29,090	30,502	30,631
Retail sales, food group, monthly rate	Million \$	4,160	6,322	6,275	6,765	6,780
Land values						
Average value per acre	1957-59=100	100	<u>3/</u> 179		<u>4/</u> 186	
Total value farm real estate	Billion \$	116.9	<u>3/</u> 202.6		<u>4/</u> 208.9	
Prices paid by farmers for commodities,interest,taxes and wage rates(Parity Index)	1910-14=100	293	373	374	388	389
Prices received by farmers for all farm commodities	1910-14=100	242	275	281	282	286
all crops	1910-14=100	223	220	221	233	235
Consumer price index,all items	1957-59=100	100	128	128	135	136
all food	1957-59=100	100	126	127	132	133
Prices of all foods,wholesale	1957-59=100	100	119	121	123	125
Sugar prices:						
Raw,duty paid New York, bulk	cents per lb.	6.21	7.75	7.50	8.16	8.16
Refined,wholesale N.E. 100 lb. bag	cents per lb.	9.25	11.44	11.60	11.88	12.05
Refined, retail U.S. average	cents per lb.	11.24	12.40	12.50	12.84	13.04
Sugar distribution	1,000 s.t.r.v.	8,982	10,655	1,008	937	1,013
Sugar inventories of primary distributors (year end and month end) total	1,000 s.t.r.v.	<u>5/</u> 1,767	2,799	2,125	2,424	1,726
Sugar fieldworker wages, weighted average determination minimum	1934=100	550.3	1,220.9			
General farm wage rate (farm labor composite)	Dollars per hour	0.761	1.33	1.29	1.29	1.38
Hourly earnings in manufac- turing (unadjusted)	Dollars	2.12	3.19	3.19	3.34	3.36

p. Preliminary

1/ Third quarter 1969, seasonally adjusted annual rate. 2/ Second quarter 1970, seasonally adjusted annual rate. 3/ March 1969. 4/ March 1970. 5/ Average of 1957, 1958 and 1959 year-end inventories.

Source: Economic and Statistical Analysis Division, ERS, USDA and Sugar Division, ASCS, USDA.

POPULATION AND CALORIC SWEETENER DISTRIBUTION

Table 1.- Population total and per capita sugar and corn sweetener distribution by primary distributors for consumption in the continental United States

Calendar year	Popula- tion July 1, including armed forces overseas 1/ x 1,000	CALORIC SWEETENER DISTRIBUTION				
		Sugar	Corn 2/ sweetener	Total	Sugar	Corn
		1,000 short tons, raw value			Pounds per capita	
					Refined 3/	
1948	146,631	7,343			93.61	
1949	149,188	7,580			94.97	
1950	151,683	8,279			102.02	
1951	154,360	7,737			93.69	
1952	157,028	8,104			96.46	
1953	159,636	8,485			99.35	
1954	162,417	8,207			94.45	
1955	165,270	8,399			94.99	
1956	168,176	8,904	1,086	9,990	98.96	12.07
1957	171,198	8,734	1,083	9,817	95.36	11.82
1958	174,060	9,030	1,192	10,222	96.97	12.80
1959	177,261	9,181	1,261	10,442	96.81	13.29
1960	180,101	9,261	1,292	10,553	96.11	13.41
1961	183,155	9,611	1,361	10,972	98.08	13.89
1962	186,043	9,752	1,496	11,248	97.98	15.03
1963	188,785	9,989	1,626	11,615	98.90	16.10
1964	191,477	9,671	1,750	11,421	94.40	17.08
1965	193,924	10,020	1,780	11,800	96.58	17.16
1966	196,228	10,299	1,840	12,141	98.10	17.53
1967	198,415	10,245	1,877	12,124	96.51	17.68
1968	200,459	10,927	1,871	12,798	101.89	17.45
1969	202,476	10,655	1,924	12,579	98.36	17.76

1/ Continental U.S. excludes civilian resident population of Hawaii. 2/ Shipments by corn refiners (members of Corn Refiners' Association, Inc.), dry basis multiplied by 1.07. 3/ Raw value equivalent can be calculated by multiplying by 1.07.

Table-2 Distribution of sugar by primary distributors for consumption in the continental United States

Month	1957-58 to 1961-62	1962-63 to 1966-67	1965-66 to 1966-67	1966-67 to 1967-68	1967-68 to 1968-69	1968-69 to 1969-70
1,000 short tons, raw value						
October	726	839	815	763	839	914
November	670	735	777	759	818	797
December	786	874	862	873	827	920
January	585	689	673	658	748	815
February	603	649	777	673	737	784
March	754	815	817	859	825	937
April	701	780	739	788	822	869
May	855	861	825	842	931	937
June	865	875	967	1,022	939	1,036
July	917	925	1,028	875	1,008	1,013
August	951	985	1,020	1,017	1,103	1,047 ^{1/} 1,096 ^{2/}
September	892	1,004	1,058	1,027	1,012	1,062 ^{1/} 1,070 ^{3/}
Total 12-month period	9,305	10,031	10,358	10,156	10,609	10,826 ^{1/} 11,178 ^{3/}

1/ Revised. 2/ Preliminary. 3/ Estimated.

Table 3.- Stocks of sugar held by primary distributors, continental United States

Period	Refiners Raw	Refiners Refined	Importers D.C.	Mainland cane mills	Total cane	Beet processors	Grand total
1,000 short tons, raw value							
<u>September 30</u>							
1957	266	275	57	3	601	222	823
1958	224	245	48	1	518	173	691
1959	392	251	88	1	732	222	954
1960	385	282	91	1	759	225	984
1961	355	256	62	1	674	211	885
1962	362	255	31	1	649	187	836
1963	422	270	31	-	723	300	1,023
1964	371	259	30	3	663	301	964
1965	337	211	19	68	635	656	1,291
1966	351	251	27	33	662	344	1,006
1967	452	259	32	74	817	332	1,149
1968	481	280	19	118	898	351	1,249
1969	529	279	9	90	907	489	1,396
1970	475	200	10	40	725	375	1,100
<u>"QUOTA"</u>							
<u>December 31</u>							
1957	214	224	13	-	451	-	451
1958	215	225	19	-	459	-	459
1959	216	248	17	-	481	-	481
1960	400	263	40	-	703	-	703
1961	536	211	23	-	770	-	770
1962	558	221	21	-	800	-	800
1963	964	317	43	-	1,324	-	1,324
1964	483	205	21	-	709	-	709
1965	359	177	11	-	547	-	547
1966	376	176	12	-	564	-	564
1967	437	186	20	-	643	-	643
1968	379	229	11	-	619	-	619
1969	436	205	10	-	651	-	651
<u>"OVER-QUOTA"</u>							
<u>December 31</u>							
1957	67	41	5	81	194	1,235	1,429
1958	121	37	12	16	186	1,233	1,419
1959	190	69	23	19	301	1,223	1,524
1960	40	36	32	18	126	1,498	1,624
1961	60	34	39	23	156	1,269	1,425
1962	42	31	7	12	92	1,368	1,460
1963	63	33	-	45	141	1,025	1,166
1964	115	25	4	151	295	1,696	1,991
1965	155	46	14	171	386	1,715	2,101
1966	194	54	5	258	511	1,523	2,034
1967	375	80	14	332	801	1,429	2,230
1968	455	45	-	459	959	1,383	2,342
1969	259	64	-	412	735	1,413	2,148

POPULATION AND DISTRIBUTION OF SUGAR IN HAWAII AND PUERTO RICO

Table 4.-Population and sugar distribution by primary distributors in Hawaii and Puerto Rico, 1950 to 1969

Year	HAWAII 1/			PUERTO RICO 2/		
	Population 3/	Distribution of sugar by primary distributors 4/		Population 3/	Distribution of sugar by primary distributors 4/	
	(000 omitted)	Total (1,000:	Per capita	(000 omitted)	Total (1,000:	Per capita
		short tons, raw value)	(pounds raw value)		short tons, raw value)	(pounds raw value)
1950	491	40	162.9	2,218	105	94.7
1951	513	42	163.7	2,235	103	92.2
1952	515	36	139.8	2,227	103	92.5
1953	511	43	168.3	2,204	92	83.5
1954	507	38	149.9	2,214	105	94.8
1955	541	42	155.3	2,250	98	87.1
1956	561	42	149.7	2,249	103	91.6
1957	585	40	136.8	2,260	108	95.6
1958	605	39	128.9	2,299	109	94.8
1959	620	40	129.0	2,322	111	95.6
1960	642	44	137.3	2,362	110	93.1
1961	661 ^{5/}	43	130.1 ^{5/}	2,402 ^{5/}	115	95.8 ^{5/}
1962	692	44	127.2	2,452	111	90.5
1963	691	41	118.7	2,511	117	93.2
1964	716	42	117.3	2,564	124	96.7
1965	722	44	121.9	2,615	117	89.5
1966	733	43	117.3	2,647	125	94.4
1967	760	47	123.7	2,673	122	91.3
1968	775	39	100.6	2,698	127	94.1
1969	794	35	88.2	2,754	125	90.8

1/ Distribution in Hawaii includes sugar used in manufacture of sugar-containing products shipped to mainland.

2/ Sugar shipments to Virgin Islands of approximately 1,000 tons per year included. Population figures exclude Virgin Islands population (32,000 population in 1960 and 27,000 in 1950 - Bureau of the Census)/

3/ Estimates of population as of July 1, Bureau of the Census; includes military personnel stationed in these areas.

4/ Calendar year.

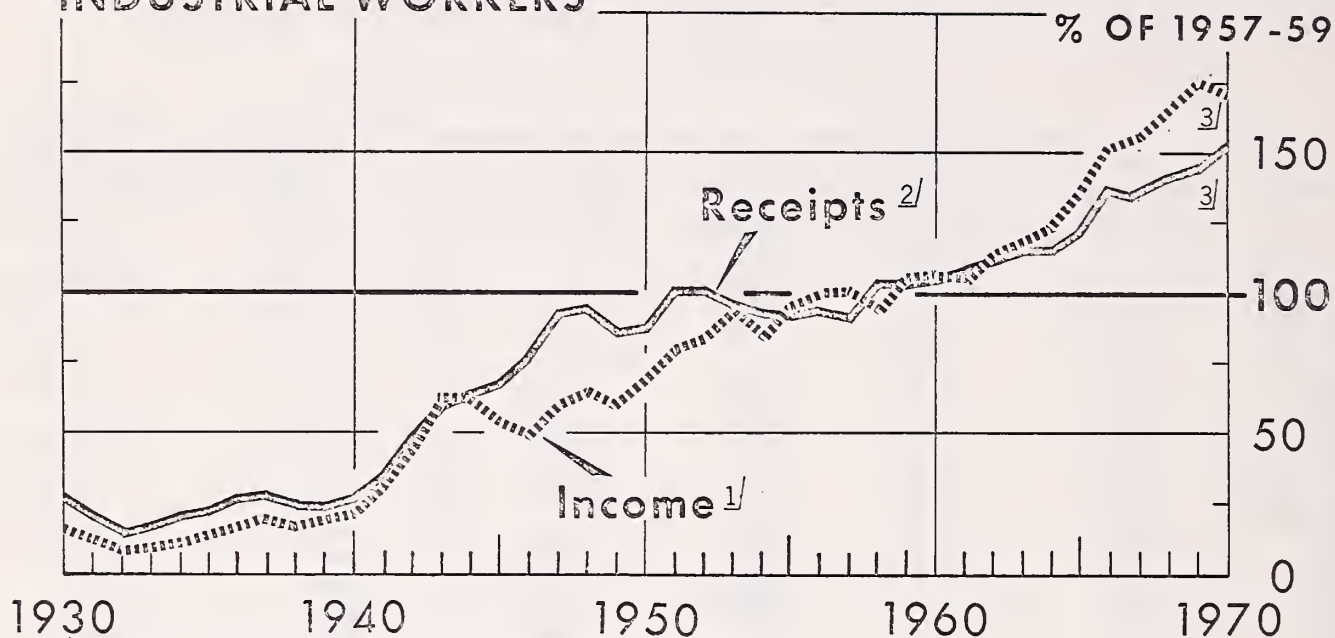
5/ Population and per capita distribution revised 1961-1968

Table 5.- Distribution of sugar by primary distributors for consumption in Hawaii and Puerto Rico, October 1969 to September 1970

Area	1969						1970						
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
1,000 short tons, raw value													
Hawaii	2.9	2.1	3.6	2.4	2.1	2.3	3.0	3.3	3.7	4.4	3.5 ^{e/}	2.7 ^{e/}	36.0 ^{e/}
Puerto Rico	9.6	5.9	13.2	10.0	7.9	10.5	11.4	10.9	7.4	12.9 ^{e/}	12.6 ^{e/}	11.7 ^{e/}	12.40 ^{e/}
Total	12.5	8.0	16.8	12.4	10.0	12.8	14.4	14.2	11.1	17.3	16.1	14.4	160.0 ^{e/}

1/ Estimated

FARMERS' CASH RECEIPTS AND INCOME OF INDUSTRIAL WORKERS



- 1/ PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES.
2/ CASH RECEIPTS FROM FARM MARKETINGS
3/ ESTIMATES BASED ON 8-MONTH AVERAGE.

FIGURE 1

Table 6.-Total civilian employment^{1/} and cash receipts from farm marketings and production workers payrolls

Year	Total civilian employment	Year	Total civilian employment	Year	Cash receipts from farm marketings	Production workers payrolls	Year	Cash receipts from farm marketings	Production workers payrolls
	Thousands		Thousands		Index: 1957-59 = 100			Index: 1957-59 = 100	
1930	45,480	1950	58,920	1930	28	16	1950	88	69
1931	42,400	1951	59,962	1931	20	12	1951	102	80
1932	38,940	1952	60,254	1932	15	8	1952	101	84
1933	38,760	1953	61,181	1933	17	9	1953	96	94
1934	40,890	1954	60,110	1934	20	12	1954	93	85
1935	42,260	1955	62,171	1935	22	14	1955	92	95
1936	44,410	1956	63,802	1936	26	16	1956	94	100
1937	46,300	1957	64,071	1937	28	20	1957	92	101
1938	44,220	1958	63,036	1938	24	16	1958	104	94
1939	45,750	1959	64,630	1939	24	19	1959	104	105
1940	47,520	1960	65,778	1940	26	21	1960	105	107
1941	50,350	1961	65,746	1941	34	31	1961	108	105
1942	53,750	1962	66,702	1942	48	45	1962	112	114
1943	54,470	1963	67,762	1943	61	62	1963	115	118
1944	53,960	1964	69,305	1944	64	64	1964	115	124
1945	52,820	1965	71,088	1945	67	54	1965	121	136
1946	55,250	1966	72,895	1946	77	50	1966	134	151
1947	57,812	1967	74,372	1947	92	60	1967	132	155
1948	56,344	1968	75,920	1948	94	65	1968	137	168
1949	57,649	1969	77,902	1949	86	60	1969	147	180
		1970 ^{2/}	78,915				1970	152	178

1/ 14 years of age and over, 1930-47; 16 years of age and over beginning 1948.

2/ Estimate based on 8-month average.

Source: Economic Research Service, USDA.

Table 7.- Per capita food cost and expenditure related to disposable personal income United States average

Year	Total personal income 1/	Dispos- able personal income 1/	Total expendi- ture for consumer goods and services 1/	Actual ^{1/}	Food expenditure		Cost to consumer of fixed quantities of food representing 1935-39 average consumption per person 2/	
					Dispos- able income	Total expendi- ture for goods and services	Actual	Percentage of dispos- able income
	Dollars				Percent		Dollars	Percent
1935-39 average	534	514	488	119	23	24	119	23
1940	593	573	536	125	22	23	114	20
1941	719	695	604	144	21	24	125	18
1942	911	867	656	173	20	26	148	17
1943	1,107	976	726	200	21	28	166	17
1944	1,194	1,057	782	216	20	28	165	16
1945	1,223	1,074	856	237	22	28	168	16
1946	1,264	1,132	1,014	276	24	27	193	17
1947	1,327	1,178	1,115	303	26	27	235	24
1948	1,434	1,290	1,184	316	24	27	251	19
1949	1,388	1,264	1,185	300	24	25	241	19
1950	1,500	1,364	1,259	303	24	24	246	18
1951	1,657	1,469	1,337	338	23	25	272	19
1952	1,736	1,518	1,381	349	23	25	277	18
1953	1,806	1,583	1,441	348	22	24	271	17
1954	1,787	1,585	1,456	348	22	24	271	17
1955	1,881	1,666	1,539	352	21	23	266	16
1956	1,980	1,743	1,585	359	21	23	268	15
1957	2,050	1,801	1,643	373	21	23	277	15
1958	2,074	1,831	1,666	382	21	23	288	16
1959	2,166	1,905	1,758	386	20	22	283	15
1960	2,219	1,937	1,800	388	20	22	286	15
1961	2,268	1,983	1,824	392	20	22	289	15
1962	2,371	2,064	1,902	399	19	21	292	14
1963	2,457	2,136	1,980	404	19	20	296	14
1964	2,589	2,280	2,088	419	18	20	300	13
1965	2,769	2,432	2,225	441	18	20	308	13
1966	2,982	2,599	2,364	471	18	20	324	13
1967	3,160	2,745	2,472	467	17	19	327	12
1968	3,420	2,933	2,668	470	17	18	338	12
1969	3,685	3,108	2,841	518	17	18	354	11
<u>1970^{3/}</u>								
1st qtr.	3,824	3,252	2,948	546 ^{4/}	17	19	371	11
2nd qtr.	3,907	3,333	2,994	551 ^{4/}	16	18	374	11

^{1/} Computed from revised data of the Department of Commerce. ^{2/} Cost to consumers of quantities of food representing average annual consumption per person during 1935-39; calculated by applying to the actual 1935-39 expenditure for food (\$118.60) a consumer food price index which is a weighted average of indexes representing (a) retail food prices in urban areas (Bureau of Labor Statistics), (b) retail food prices in rural areas (Economic Research Service), and (c) prices received by producers applied to foods consumed on farms where produced. ^{3/} Annual rates seasonally adjusted.

^{4/} Quarterly data are estimates by the Economic Research Service from expenditures for food excluding alcohol beverages reported by the Department of Commerce.

Source: Economic Research Service, USDA

Source: Economic Research Service, USDA

Table 8.- Prices paid by farmers for commodities, interest, taxes, and wage rates

Index: 1910 - 14 = 100

Year	Index	Year	Index	Year	Index	Year	Index
1910	97	1925	164	1940	124	1955	276
1911	98	1926	160	1941	133	1956	278
1912	101	1927	159	1942	152	1957	287
1913	101	1928	162	1943	171	1958	294
1914	103	1929	160	1944	182	1959	298
1915	105	1930	151	1945	190	1960	300
1916	116	1931	130	1946	208	1961	302
1917	148	1932	112	1947	240	1962	307
1918	173	1933	109	1948	260	1963	312
1919	197	1934	120	1949	251	1964	313
1920	214	1935	124	1950	256	1965	321
1921	155	1936	124	1951	282	1966	334
1922	151	1937	131	1952	287	1967	342
1923	159	1938	124	1953	277	1968	355
1924	160	1939	123	1954	278	1969	373

Month	1962	1963	1964	1965	1966	1967	1968	1969	1970
January	305	312	313	317	327	339	347	364	383
February	306	312	313	318	329	338	350	366	386
March	306	311	313	318	331	339	351	369	385
April	307	312	314	320	333	340	354	373	388
May	307	312	313	323	333	342	355	375	388
June	306	312	313	323	333	342	355	376	390
July	306	313	313	323	334	344	356	374	389
August	306	312	313	322	335	343	356	374	389
September	308	311	313	322	337	343	356	375	
October	308	311	312	322	337	344	359	376	
November	308	311	313	322	337	343	360	378	
December	309	311	313	324	337	344	361	378	

Source: Economic and Statistical Analysis Division
Economic Research Service
United States Department of Agriculture

Table 9.- Selected components of index of prices paid by farmers for commodities, interest, taxes and wage rates - 1964 - 1970

Year and month	Commodities and services					Interest	Taxes	Wage rates
	Clothing ^{1/}	Feed	Farm ^{1/} machinery	Fertilizer ^{1/}	Farm ^{1/} supplies			
1910-14=100								
1964	356	205	414	151	268	333	710	693
1965	362	207	426	152	270	377	756	728
1966	377	217	442	152	272	422	819	785
1967	397	212	462	153	274	467	888	847
1968	422 ^{2/}	203	484	148	279	518	951	917
1969	447	205	509	142	286	570	1,081	1,010
1969								
January		204				570	1,081	965
February		204				570	1,081	965
March	441	204	501	147	284	570	1,081	965
April		205				570	1,081	1,029
May		207				570	1,081	1,029
June	443	206	512	143	285	570	1,081	1,029
July		206				570	1,081	1,010
August		205				570	1,081	1,010
September	454	205	519	142	287	570	1,081	1,010
October		204				570	1,081	1,039
November		204				570	1,081	1,039
December	461	207	521	142	287	570	1,081	1,039
1970								
January		212				616	1,167	1,050
February		215				616	1,167	1,050
March	467	212	526	142	290	616	1,167	1,050
April		210				616	1,167	1,096
May		211				616	1,167	1,096
June	469	211	541	147	291	616	1,167	1,096
July		213				616	1,167	1,078
August		215				616	1,167	1,078
September								

^{1/} Indexes for clothing, farm machinery, fertilizer and farm supplies shown in monthly breakdown for 1969 and 1970 are quarterly averages.

^{2/} Revised.

Source: Economic and Statistical Analysis Division
Economic Research Service
U.S.D.A.

PRICES RECEIVED BY FARMERS, PARITY INDEX, AND PARITY RATIO

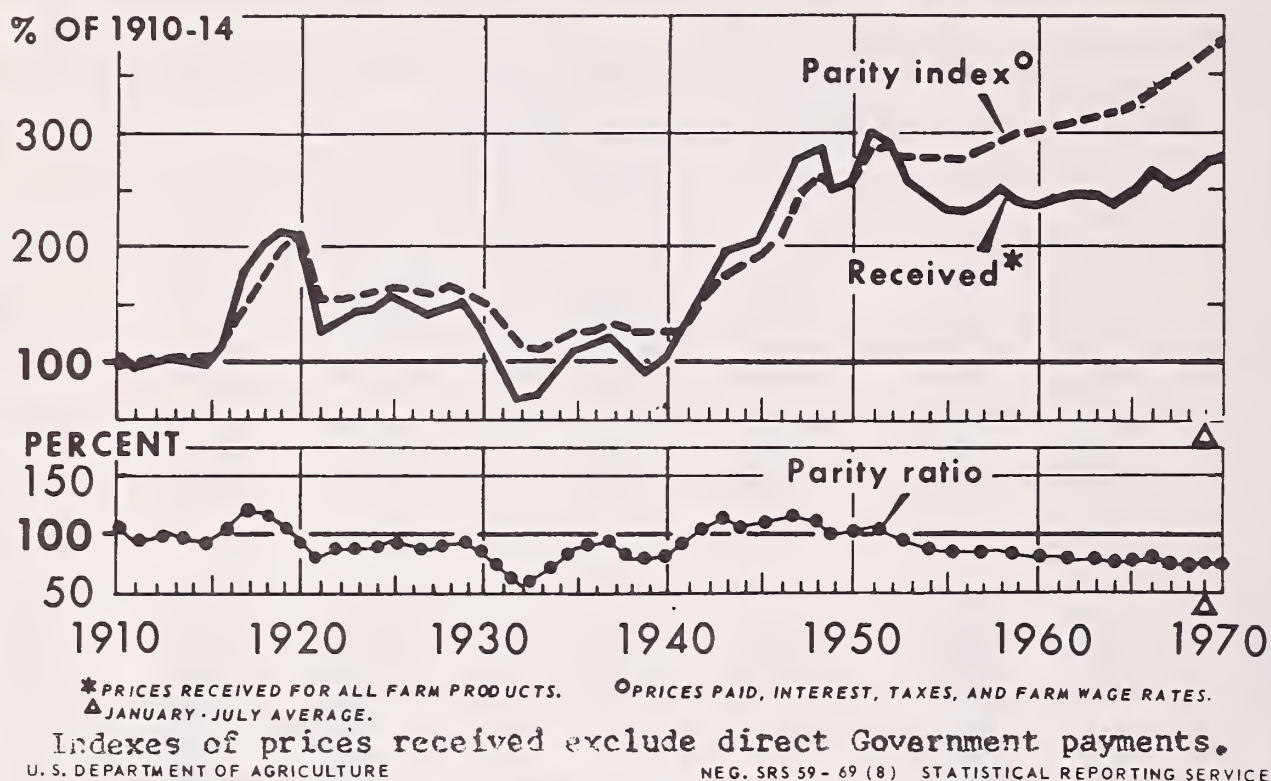


Figure 2

INCOME AND EXPENDITURES

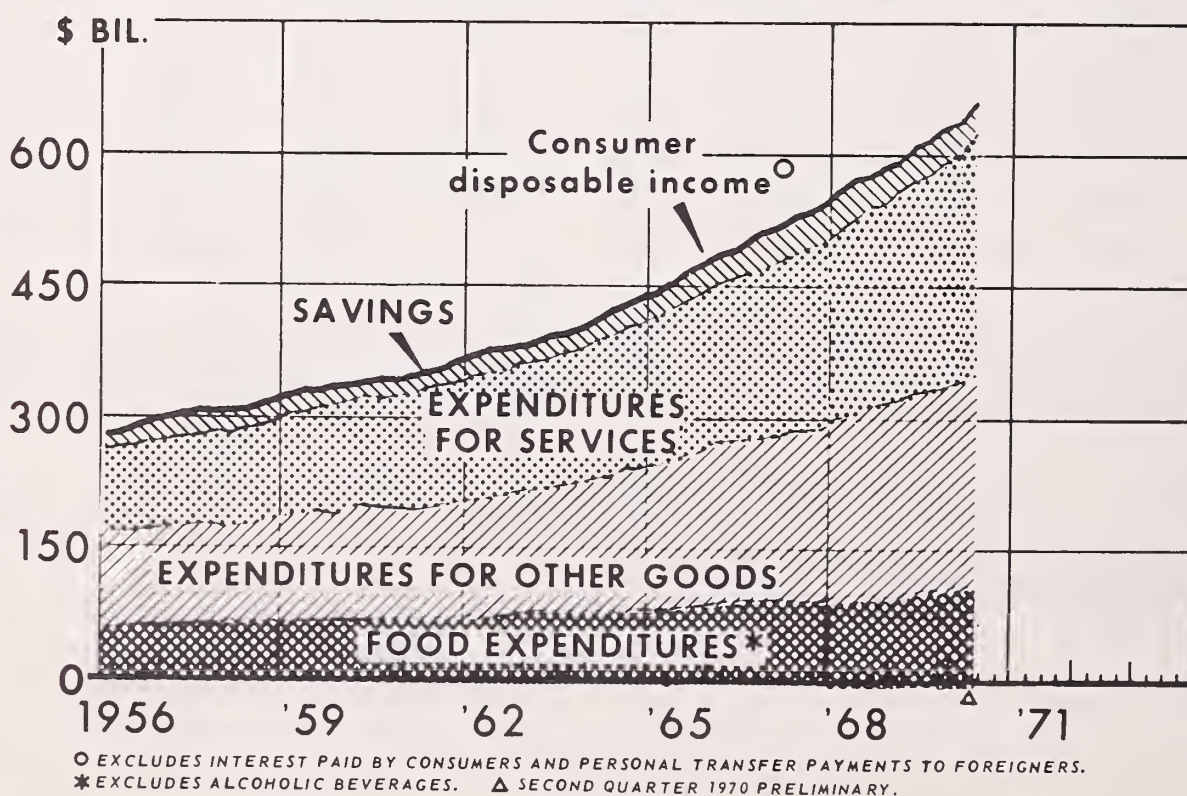
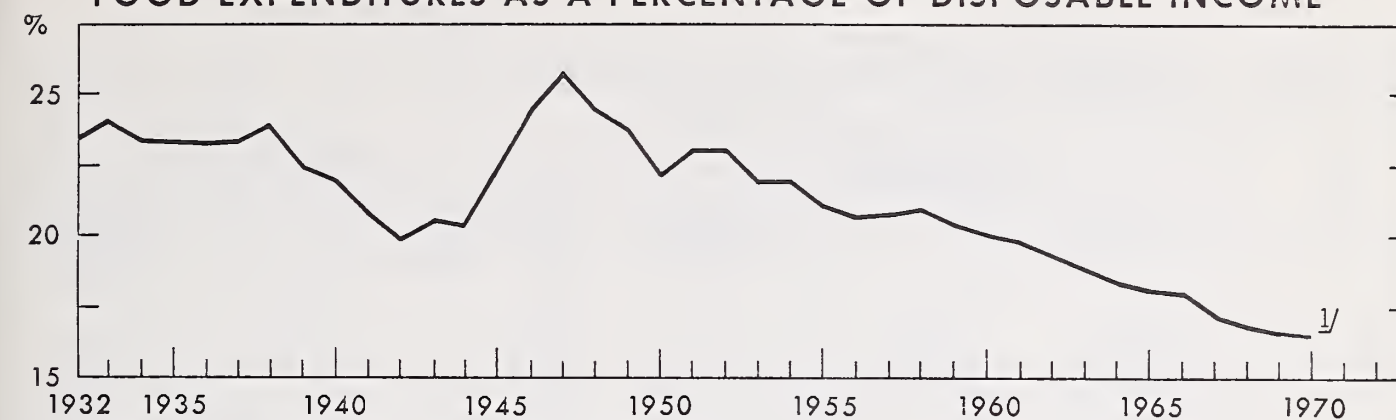


Figure 3

FOOD EXPENDITURES AS A PERCENTAGE OF DISPOSABLE INCOME



1970 JANUARY-JUNE SEASONALLY ADJUSTED AT ANNUAL RATE

Figure 4

Table 10.-Prices received by farmers for all farm products

Index: 1910 - 14 = 100

Year	Index	Year	Index	Year	Index	Year	Index
1910	104	1925	156	1940	100	1955	232
1911	94	1926	145	1941	124	1956	230
1912	99	1927	140	1942	159	1957	235
1913	102	1928	148	1943	193	1958	250
1914	101	1929	148	1944	197	1959	240
1915	99	1930	125	1945	207	1960	239
1916	119	1931	87	1946	236	1961	240
1917	178	1932	65	1947	276	1962	244
1918	206	1933	70	1948	287	1963	243
1919	217	1934	90	1949	250	1964	237
1920	211	1935	109	1950	258	1965	248
1921	124	1936	114	1951	302	1966	266
1922	131	1937	122	1952	288	1967	254
1923	142	1938	97	1953	255	1968	261
1924	143	1939	95	1954	246	1969	275

Month	Year													
	1962	1963	1964	1965	1966	1967	1968	1969	1970					
January	244	248	244	235	264	256	254	263	287					
February	245	245	241	238	272	252	258	266	289					
March	246	242	240	240	270	251	259	270	289					
April	243	243	238	244	267	247	259	270	281					
May	242	240	236	251	264	254	260	278	282					
June	240	242	234	255	264	256	260	281	281					
July	241	244	235	254	270	257	262	281	286					
August	245	242	234	251	273	256	263	277	276					
September	250	243	238	251	272	254	268	275						
October	246	243	236	249	266	254	261	277						
November	245	243	234	251	258	252	262	282						
December	246	239	235	260	257	254	262	284						

Source: Economic and Statistical Analysis Division
Economic Research Service
United States Department of Agriculture

Table 11.- Sugar beets and sugarcane - season average price per ton received by farmers and calendar year parity price ^{1/}

Crop year	Sugar beets			Sugarcane		
	United States			Louisiana and Florida		
	Price ^{2/} received	Parity	Price as % of parity	Price ^{2/} received	Parity	Price as % of parity
	Dollars		Percent	Dollars		Percent
1957	13.51	15.30	88	8.03	8.98	89
1958	14.05	15.90	88	8.67	9.37	93
1959	13.54	16.00	85	8.24	9.52	87
1960	13.89	16.20	86	8.54	9.71	88
1961	13.42	16.40	82	8.90	9.81	91
1962	15.03	17.00	88	9.51	10.33	92
1963	14.42	17.80	81	11.35	10.96	104
1964	13.99	18.10	77	7.84	11.48	68
1965	14.13	18.70	76	9.02	11.80	76
1966	14.96	19.30	78	9.60	12.34	78
1967	15.72	19.50	81	10.54	12.49	84
1968	15.96	20.20	79	10.50	12.98	81
1969 ^e	15.07	21.50	70	10.85	13.90	78

^{1/} "Season average price" is determined for each area on the basis of prices prevailing during the period when most of the sugar of the crop of beets or cane is being sold. The pricing period begins about the time that harvest commences. Currently for beets the period extends for 12 months; for Louisiana somewhat less than 5 months; and for Florida 10 months or more. For the most part the periods begin in October of the year indicated, the year in which most of the production costs and most of the harvest occurred. These series differ slightly from the ones shown in Sugar Statistics, Volume II, in which data relate to the year of planting as used in Sugar Act administration. Prices received include actual Sugar Act payments for all years (exclusive of abandonment and deficiency payments). ^{2/} Prices received revised to reflect the changes in rounding U.S. prices per ton as published by the Statistical Reporting Service, USDA. ^e=estimated.

Table 12.- World raw cane sugar spot prices ^{1/}

Year	Janu- ary	Feb- ruary	March	April	May	June	July	August	Sep- tember	Octo- ber	No- vember	Decem- ber	Monthly average
Cents per pound													
1957	5.83	5.80	6.17	6.46	6.02	6.12	5.27	4.13	4.55	4.03	3.63	3.87	5.16
1958	3.74	3.55	3.42	3.45	3.47	3.42	3.50	3.46	3.48	3.41	3.42	3.64	3.50
1959	3.27	3.11	3.05	2.88	2.94	2.81	2.66	2.78	3.09	3.10	2.96	3.00	2.97
1960	2.97	3.02	3.05	3.04	3.05	2.97	3.26	3.31	3.25	3.25	3.25	3.25	3.14
1961	3.03	2.97	2.97	3.14	3.35	3.20	3.05	2.80	2.69	2.73	2.53	2.46	2.91
1962	2.30	2.36	2.65	2.69	2.60	2.63	2.92	3.24	3.18	3.28	3.65	4.29	2.98
1963	5.41	6.06	6.62	7.65	10.36	9.92	9.05	6.63	7.63	10.67	11.63	10.36	8.50
1964	10.64	9.11	7.43	8.05	7.12	5.33	4.80	4.37	3.71	3.70	3.40	2.76	5.87
1965	2.41	2.25	2.63	2.40	2.35	1.96	1.94	1.79	1.85	2.03	1.81	1.96	2.12
1966	2.47	2.25	2.17	2.09	2.09	1.72	1.78	1.69	1.55	1.59	1.47	1.41	1.86
1967	1.35	1.71	1.61	2.10	2.59	2.52	1.90	1.68	1.80	2.15	2.32	2.17	1.99
1968	2.20	2.17	1.93	1.84	1.98	1.78	1.71	1.66	1.45	1.90	2.39	2.77	1.98
1969	2.95	3.23	3.70	3.76	3.78	3.95	3.72	3.18	3.10	3.12	3.08	2.86	3.37
1970	3.12	3.23	3.44	3.62	3.75	3.82	3.86	3.89					

^{1/} Through 1960, spot price based on No. 4 contract, New York, which was for bagged sugar f.a.s. Cuba. Beginning with 1961, spot price under No. 8 contract, New York, for bagged sugar f.o.b. and stowed at Greater Caribbean ports (including Brazil).

Table 13 - Raw cane sugar prices
(a) Spot New York 1/

Year	Jan- ary	Feb- ruary	March	April	May	June	July	August	Sep- tember	Octo- ber	No- vember	Decem- ber	Monthly average
Cents per pound													
1957	6.35	6.10	6.18	6.14	6.37	6.53	6.45	6.13	6.17	6.21	6.12	6.15	6.24
1958	6.15	6.15	6.03	6.21	6.29	6.29	6.28	6.28	6.37	6.47	6.35	6.44	6.27
1959	6.15	5.99	5.84	5.92	6.30	6.37	6.29	6.37	6.51	6.55	6.44	6.17	6.24
1960	5.89	6.00	6.11	6.17	6.09	6.25	6.48	6.47	6.59	6.52	6.53	6.46	6.30
1961	6.39	6.32	6.25	6.25	6.46	6.48	6.39	6.06	6.06	6.19	6.29	6.40	6.30
1962	6.45	6.37	6.43	6.43	6.43	6.45	6.39	6.54	6.43	6.52	6.44	6.54	6.45
1963	6.70	6.80	7.04	8.26	11.08	8.70	7.95	6.65	7.45	9.42	9.34	8.78	8.18
1964	9.29	8.02	7.33	7.43	6.65	6.45	6.25	6.18	6.20	6.27	6.17	6.55	6.90
1965	6.85	6.79	6.61	6.59	6.73	6.72	6.73	6.77	6.82	6.82	6.80	6.75	6.75
1966	6.88	6.92	6.84	6.89	6.90	6.92	7.00	7.05	7.11	7.15	7.12	7.14	6.99
1967	7.13	7.21	7.18	7.22	7.25	7.32	7.30	7.33	7.34	7.37	7.38	7.30	7.28
1968	7.41	7.38	7.35	7.42	7.48	7.53	7.59	7.59	7.62	7.66	7.58	7.62	7.52
1969	7.67	7.69	7.76	7.80	7.82	7.74	7.50	7.75	7.83	7.89	7.79	7.73	7.75
1970	8.11	7.96	7.90	7.90	8.16	8.22	8.16	8.19					

(b) "World" sugar for shipment to other foreign countries, adjusted to New York delivery basis^{2/}

1957	6.87	6.83	7.20	7.48	6.98	7.06	6.20	5.02	5.42	4.88	4.48	4.72	6.10
1958	4.58	4.39	4.27	4.31	4.35	4.30	4.35	4.32	4.33	4.29	4.31	4.53	4.36
1959	4.15	3.97	3.92	3.79	3.86	3.77	3.54	3.64	3.95	3.97	3.87	3.94	3.86
1960	3.91	3.96	4.02	4.01	4.00	3.91	4.20	4.25	4.19	4.19	4.18	4.19	4.09
1961	3.95	3.87	3.85	4.05	4.28	4.15	4.01	3.77	3.65	3.69	3.49	3.42	3.85
1962	3.22	3.27	3.54	3.57	3.48	3.51	3.80	4.12	4.06	4.17	4.54	5.18	3.87
1963	6.30	6.95	7.51	8.54	11.27	10.82	9.95	7.53	8.54	11.60	12.57	11.30	9.41
1964	11.57	10.04	8.36	8.97	8.04	6.25	5.72	5.29	4.63	4.62	4.32	3.68	6.79
1965	3.33	3.18	3.57	3.34	3.31	2.92	2.90	2.75	2.81	2.99	2.77	2.92	3.07
1966	3.43	3.21	3.13	3.05	3.05	2.68	2.74	2.65	2.51	2.55	2.43	2.37	2.81
1967	2.31	2.67	2.57	3.06	3.55	3.48	2.86	2.64	2.76	3.11	3.28	3.13	2.95
1968	3.18	3.15	2.91	2.82	2.96	2.76	2.69	2.64	2.43	2.88	3.37	3.75	2.96
1969 ^{3/}	3.95	4.23	4.70	4.76	4.78	4.95	4.72	4.18	4.10	4.12	4.08	3.86	4.37
1970	4.20	4.35	4.56	4.74	4.90	4.97	5.01	5.04					

(c) Differences -- New York prices from world prices adjusted to New York delivery basis

1957	-52	-73	-1.02	-1.34	-.61	-.53	+.25	+1.11	+75	+1.33	+1.64	+1.43	+1.14
1958	+1.57	+1.76	+1.76	+1.90	+1.94	+1.99	+1.93	+1.96	+2.04	+2.18	+2.04	+1.91	+1.91
1959	+2.00	+2.02	+1.92	+2.13	+2.44	+2.60	+2.75	+2.73	+2.56	+2.58	+2.57	+2.23	+2.38
1960	+1.98	+2.04	+2.09	+2.16	+2.09	+2.34	+2.28	+2.22	+2.40	+2.33	+2.35	+2.27	+2.21
1961	+2.44	+2.45	+2.40	+2.20	+2.18	+2.33	+2.38	+2.29	+2.41	+2.50	+2.80	+2.98	+2.45
1962	+3.23	+3.10	+2.89	+2.86	+2.95	+2.94	+2.59	+2.42	+2.37	+2.35	+1.90	+1.36	+2.58
1963	+4.40	-15	-.47	-.28	-.19	-2.12	-2.00	-.88	-1.09	-2.18	-3.23	-2.52	-1.23
1964	-2.28	-2.02	-1.03	-1.54	-1.39	+.20	+.53	+.89	+1.57	+1.65	+1.85	+2.87	+0.11
1965	+3.52	+3.61	+3.04	+3.25	+3.42	+3.80	+3.83	+4.02	+4.01	+3.83	+4.03	+3.83	+3.68
1966	+3.45	+3.71	+3.71	+3.84	+3.85	+4.24	+4.26	+4.40	+4.60	+4.60	+4.69	+4.77	+4.18
1967	+4.82	+4.54	+4.61	+4.16	+3.70	+3.84	+4.44	+4.69	+4.58	+4.26	+4.10	+4.17	+4.33
1968	+4.23	+4.23	+4.44	+4.60	+4.52	+4.77	+4.90	+4.95	+5.19	+4.78	+4.21	+3.87	+4.56
1969 ^{3/}	+3.72	+3.46	+3.06	+3.04	+3.04	+2.79	+2.78	+3.57	+3.73	+3.77	+3.71	+3.87	+3.38
1970	+3.91	+3.61	+3.34	+3.16	+3.26	+3.25	+3.15	+3.15					

1/ Prices for 1957-60 represent spot prices for sugar in bags under Contract No. 6, duty paid. Prices for 1961-66 are spot prices for sugar in bulk under Contract No. 7, which beginning Nov. 21, 1966, was replaced by Contract No. 10. The terms of these contracts are duty paid or duty free, full duty rate .625 cent per pound.

2/ Spot prices for 1957-60 were spot prices for bagged sugar f.a.s. Cuba, Contract No. 4. Prices for 1961-66 are spot prices under No. 8 Contract which is also for bagged sugar but f.o.b. and stowed at Greater Caribbean ports (including Brazil).

3/ Revised.

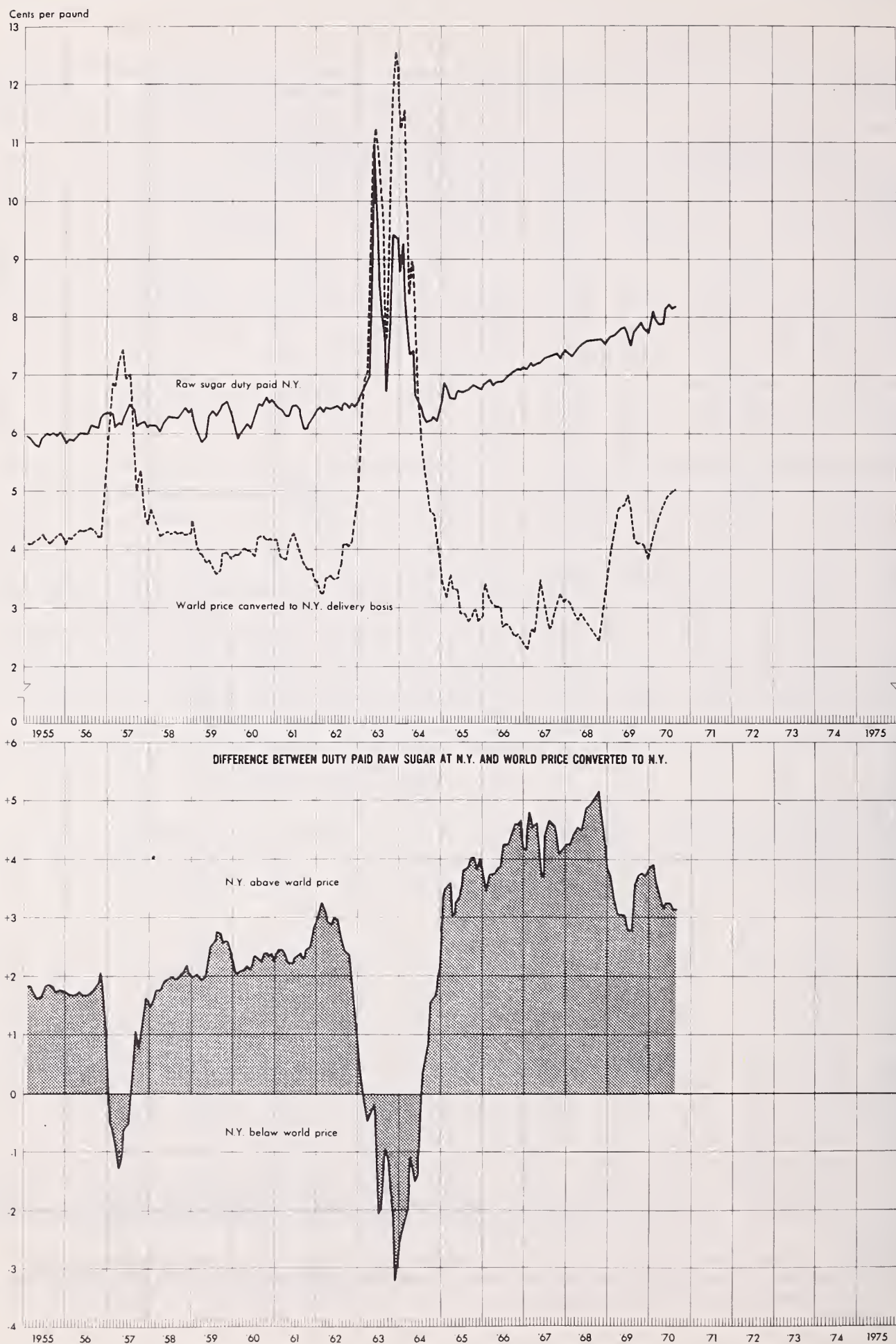


Figure 5

COMPARISON OF SUGAR PRICES BY MONTHS 1963 TO DATE

Cents
per pound

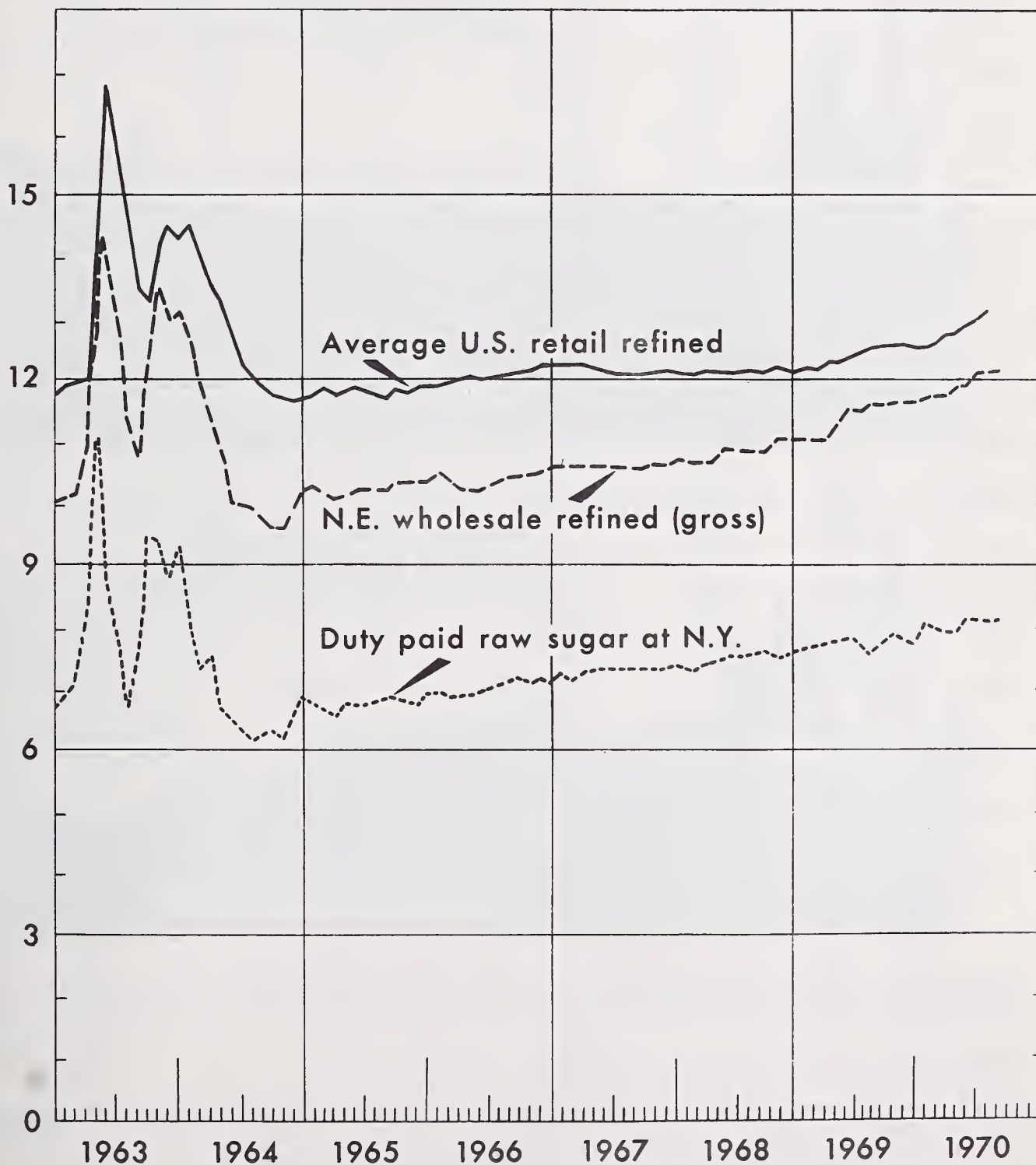


Figure 6

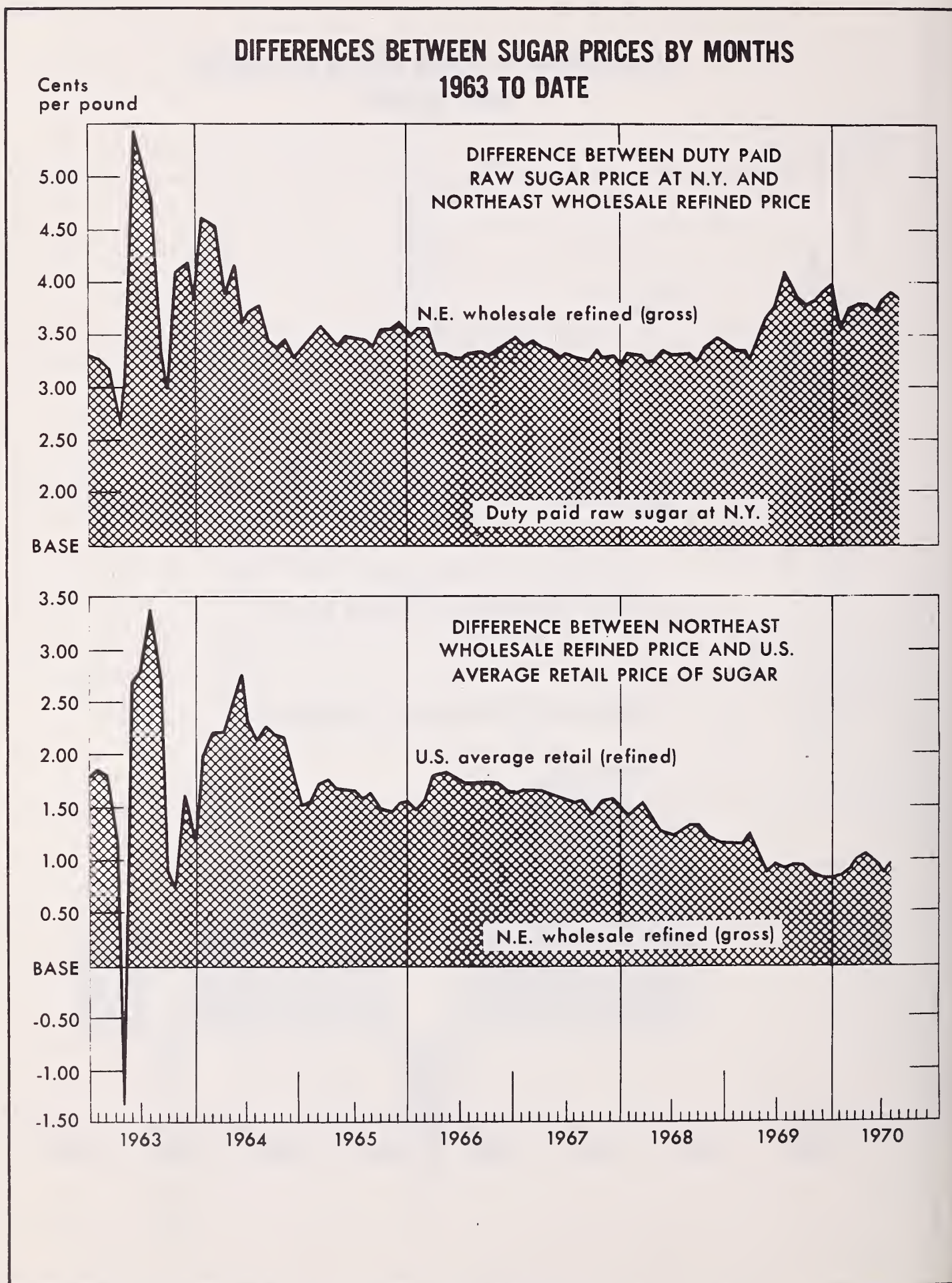


Figure 7

Table 14.- Prices of sugar, of all foods, and of all items

Period	Raw sugar	Refined sugar		All food		All items
	duty paid	Wholesale	Retail	Wholesale	Retail	retail
	N.Y.	Northeast <u>1/</u>	U.S. av. <u>2/</u>	U.S. av.	U.S. av.	U.S. av.
	(1)	(2)	(3)	(4)	(5)	(6)
	Prices (cents per pound)			Price index (1957-59=100)		
Calendar year						
1957	6.24	9.15	11.03	98	98	98
1958	6.27	9.27	11.26	103	102	101
1959	6.24	9.33	11.43	98	100	101
1960	6.30	9.43	11.63	100	101	103
1961	6.30	9.40	11.77	100	103	104
1962	6.45	9.60	11.70	101	104	105
1963	8.18	11.94	13.58	100	105	107
1964	6.90	10.68	12.81 ^{3/}	101	106	108
1965	6.75	10.22	11.80	104	109	110
1966	6.99	10.36	12.04	111	114	113
1967	7.28	10.62	12.19	109	115	116
1968	7.52	10.84	12.18	113	119	121
1969	7.75	11.44	12.40	119	126	128
Month - 1969						
January	7.67	11.05	12.20	116	122	124
February	7.69	11.05	12.20	115	122	125
March	7.76	11.05	12.28	116	122	126
April	7.80	11.29	12.30	115	123	126
May	7.82	11.50	12.38	119	124	127
June	7.74	11.50	12.44	120	126	128
July	7.50	11.60	12.50	121	127	128
August	7.75	11.60	12.52	120	127	129
September	7.83	11.60	12.52	120	128	129
October	7.89	11.70	12.50	120	127	130
November	7.79	11.70	12.48	123	128	130
December	7.73	11.70	12.48	123	130	131
Month-1970						
January	8.11	11.70	12.54	125	131	132
February	7.96	11.70	12.58	124	132	132
March	7.90	11.70	12.70	125	132	133
April	7.90	11.70	12.76	123	132	134
May	8.16	11.88	12.84	123	132	135
June	8.22	12.05	12.91	124	133	135
July	8.16	12.05	13.04	125	133	136
August	8.19	12.05				
September						
October						
November						
December						

^{1/} Gross subject to a 2 percent cash discount. Comparable to series formerly referred to as wholesale price at New York. Recently prices for New York metropolitan area have varied slightly at times from prices for the northeast.

^{2/} The Bureau of Labor Statistics reports price on 5-pound package; price shown is pound equivalent.

^{3/} New series beginning January 1964 which may not be strictly comparable with data for earlier periods.

Source: Column (1) New York Coffee and Sugar Exchange Contract No. 10, (bulk), except 1957-1960 Contract No. 6 (bagged) plus 0.50 cent duty, and 1961 to November 21, 1966, contract No. 7 (bulk). Column (2) Lamborn Sugar Market Reports, Column (3) Bureau of Labor Statistics. Column (4) Bureau of Labor Statistics Average Price Index. Columns (5) and (6) Bureau of Labor Statistics Monthly Consumers' Price Index. (all items and commodity groups).

Table 15-Domestic raw sugar price, duty paid, New York: Parity index, domestic raw sugar price adjusted for changes in parity index

Period	: Domestic raw : sugar price : duty paid N.Y. ^{1/} :	: Parity index : (price paid by : farmers) :	: Domestic raw : sugar price : adjusted for : change in ^{2/} : parity index :	: Quoted price as : percentage of : adjusted price : 1957-59=100 :
	Cents per pound	1910-14=100	Cents per pound	Percent
1957	6.20	287	6.08	101.9
1958	6.23	294	6.23	100.0
1959	6.20	298	6.32	98.1
<u>1957-59 average</u>	6.21	293	6.21	100.0
1960	6.26	300	6.36	98.4
1961	6.30	302	6.40	98.4
1962	6.45	307	6.51	99.1
1963	8.18	312	6.61	123.8
1964	6.90	313	6.63	104.1
1965	6.75	321	6.80	99.3
1966	6.99	334	7.08	98.7
1967	7.28	342	7.25	100.4 ^{3/}
1968	7.52	355 ^{3/}	7.52	100.0 ^{3/}
1969	7.75	373	7.91	98.0
<u>1969</u>				
January	7.67	364 ^{3/}	7.71	99.5
February	7.69	366 ^{3/}	7.76	99.1
March	7.76	369	7.82	99.2
April	7.80	373 ^{3/}	7.91	98.6
May	7.82	375 ^{3/}	7.95	98.4
June	7.74	376 ^{3/}	7.97	97.1
July	7.50	374	7.93	94.6
August	7.75	374 ^{3/}	7.93	97.7
September	7.83	375	7.95	98.5
October	7.89	376	7.97	99.0
November	7.79	378	8.01	97.3
December	7.73	378	8.01	96.5
<u>1970</u>				
January	8.11	383	8.12	99.9
February	7.96	386	8.18	97.3
March	7.90	385	8.16	96.8
April	7.90	388	8.22	96.1
May	8.16	388	8.22	99.3
June	8.22	390	8.27	99.4
July	8.16	389	8.24	99.0
August	8.19	389	8.24	99.4
September				
October				
November				
December				

^{1/} Quotations by New York Coffee and Sugar Exchange for Contract No. 6 in bags c.i.f. New York plus 0.50 cent duty (Cuban rate) less 0.04 cent to approximate "bag allowance" on bulk sugar through 1960. Quotations beginning in 1961 are for Exchange Contract No. 7 raw sugar in bulk, duty paid, New York, which beginning November 21, 1966 was replaced by Contract No. 10.

^{2/} Price to be considered under Section 201, Sugar Act of 1948, as amended December 1965, in establishing annual sugar requirements after consideration has been given to consumption, inventory, population, the level and trend of consumer purchasing power and other demand factors.

^{3/} Revised.

Table 16-Wholesale prices of sugar (actual and adjusted), prices of all goods, per capita disposable income, and sugar distribution

Year	Sugar price		Prices of all foods		Per capita disposable income		Sugar price adjusted for change in		Sugar distribution	
	net cash 1/		(wholesale)		income		Prices of all foods		Total	
	Northeast						Per capita disposable income		Per capita	
	(cents per pound)	(Index numbers 1935-39=100)					(Cents per pound)		(1,000 short tons, raw value)	(Pounds, raw value)
1935-39 average	4.67	100		100			4.67	4.67	6,704	104
1940	4.33	90		111			4.81	3.90	6,891	104 ^{2/}
1941	4.92	105		135			4.69	3.64	8,069	121 ^{2/}
1942	5.45	126		169			4.33	3.22	5,466	81
1943	5.49	135		190			4.07	2.89	6,335	93
1944	5.46	133		206			4.11	2.65	7,147	103
1945	5.39	134		209			4.02	2.58	6,041	86
1946	6.34	165		220			3.84	2.88	5,621	80
1947	8.12	206		229			3.94	3.55	7,448	103
1948	7.60	222		251			3.42	3.03	7,343	100
1949	7.81	202		246			3.87	3.17	7,580	102
1950	7.84	207		265			3.79	2.96	8,279	109
1951	8.21	232		286			3.54	2.87	7,737	100
1952	8.45	229		295			3.69	2.86	8,104	103
1953	8.55	219		308			3.90	2.78	8,485	106
1954	8.55	218		308			3.92	2.78	8,207	101
1955	8.42	212		324			3.97	2.60	8,399	102
1956	8.59	212		339			4.05	2.53	8,904	106
1957	8.97	219		350			4.10	2.56	8,734	102
1958	9.08	230		356			3.95	2.55	9,030	104
1959	9.14	219		371			4.17	2.46	9,181	104
1960	9.24	223		377			4.14	2.45	9,261	103
1961	9.21	223		386			4.15	2.39	9,611	105
1962	9.41	224		402			4.20	2.34	9,752	105
1963	11.70	224		416			5.22	2.81	9,989	106
1964	10.47	225		443			4.65	2.36	9,671	101
1965	10.02	233		473			4.30	2.11	10,020	103
1966	10.15	247		505			4.13	2.01	10,299	105
1967	10.41	242		534			4.30	1.95	10,245	103
1968	10.62	251		571			4.23	1.86	10,927	109
1969	11.21	265		605			4.23	1.85	10,655	105
Monthly - 1970										
January	11.47	279					4.11		815	
February	11.47	277					4.14		784	
March	11.47	278					4.13		927	
January-March average	11.47	278		633 ^{3/}			4.13	1.81	842	
April	11.47	275					4.17		869	
May	11.64	274					4.25		937	
June	11.81	275					4.29		1,036	
April-June average	11.64	275		648 ^{3/}			4.23	1.80	947	
July	11.81	278					4.25		1,013	
August	11.81								1,078 ^p	
September										
July-September average										

1/ Comparable to series formerly referred to as wholesale price at New York. Recently prices for New York metropolitan area have varied slightly at times from prices for the Northeast.

2/ Unusually large distribution during 1941 resulted in building up of the "invisible" supply carried over in 1942 and a considerable amount of sugar distributed during 1941 was actually consumed during 1942.

3/ Preliminary.

WHOLESALE SUGAR PRICES AND PER CAPITA DISPOSABLE INCOME IN THE UNITED STATES

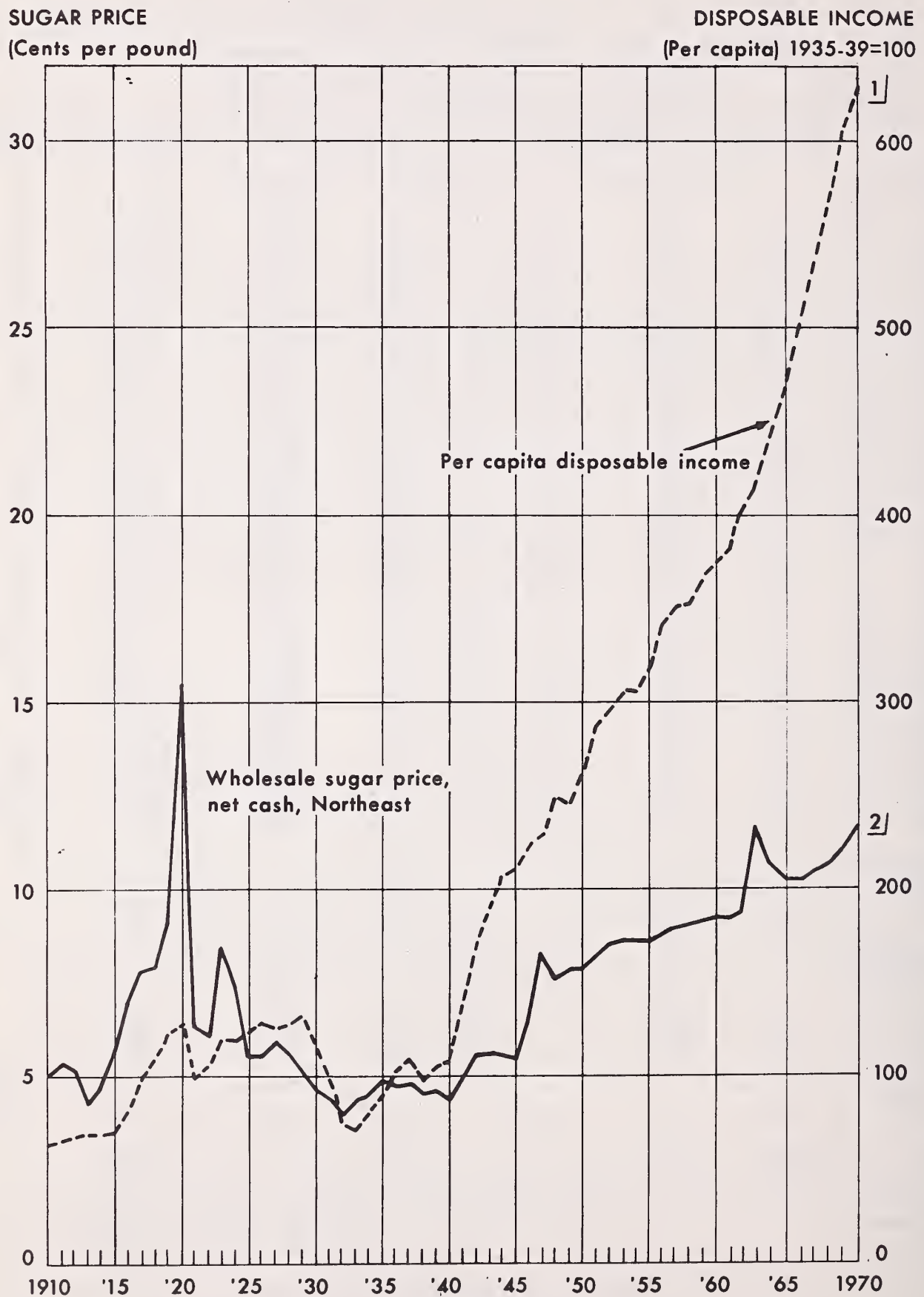


Figure 8

1/ Preliminary, annual rate for second quarter 1970

2/ 1970 January-August average

REFINED SUGAR PRICES, AND INDEX OF ALL FOOD PRICES, AT WHOLESALE IN THE UNITED STATES ANNUALLY, 1860 TO DATE

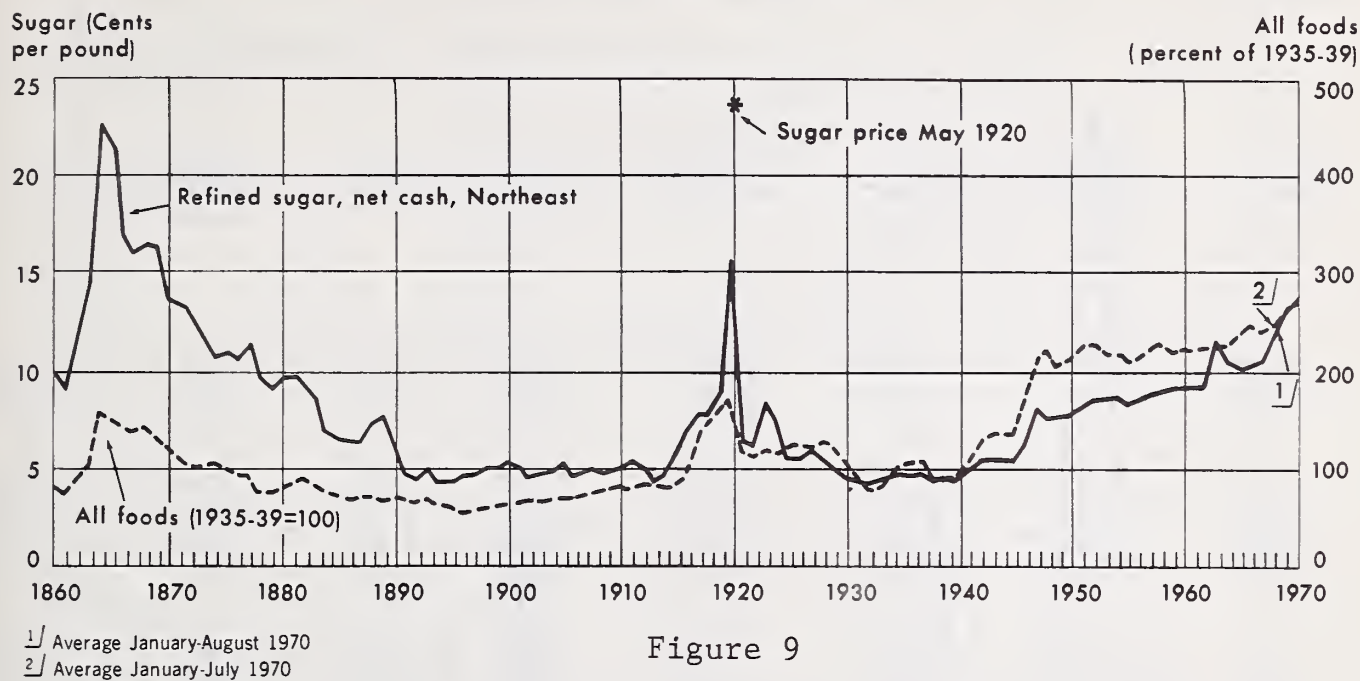


Figure 9

PRICE OF SUGAR IN RELATION TO PRICES OF ALL FOODS AND PER CAPITA DISTRIBUTION OF SUGAR 1860 TO DATE

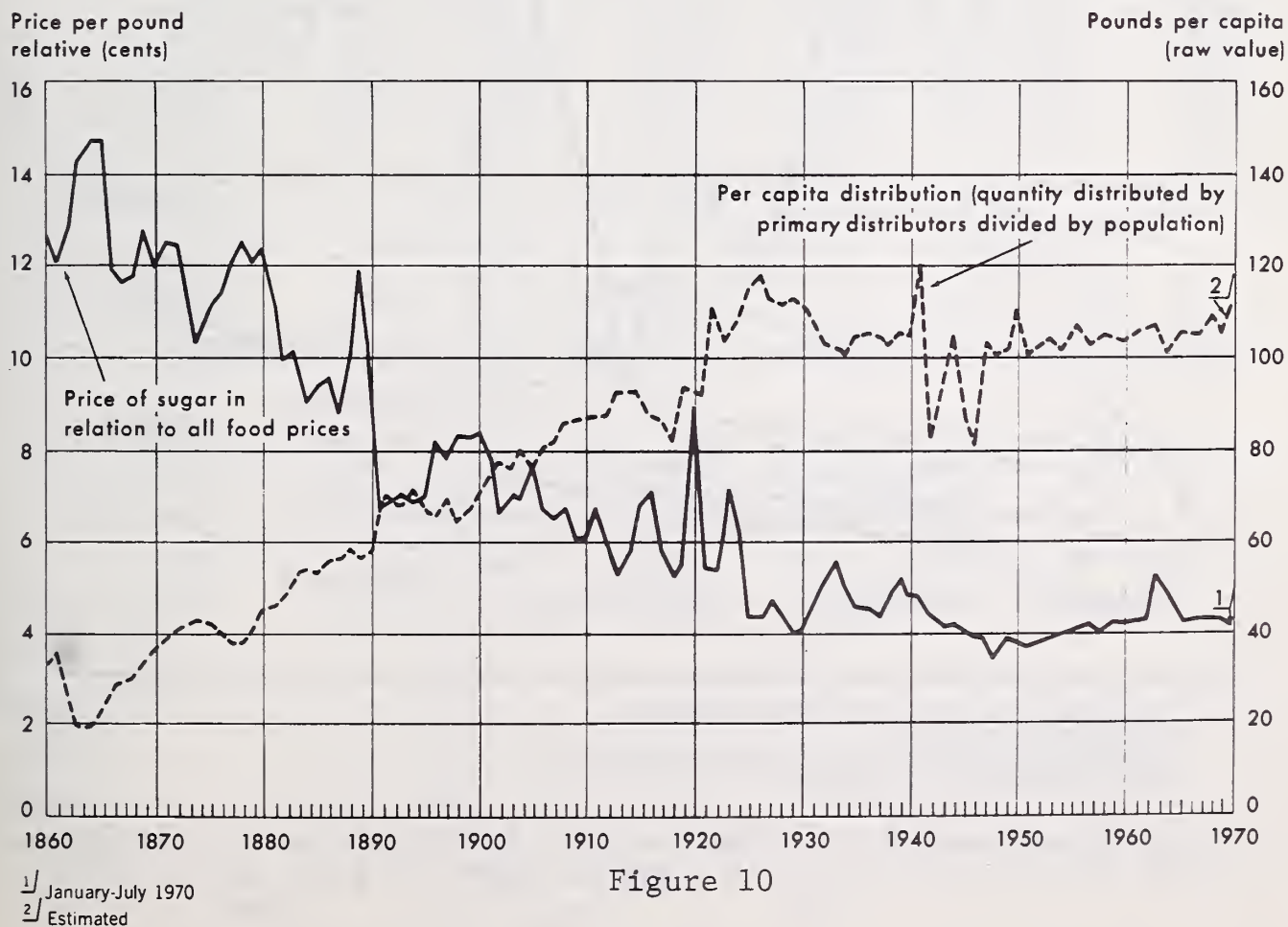


Figure 10

WHOLESALE PRICES OF SELECTED INGREDIENTS IN SUGAR CONTAINING PRODUCTS

Percent of
1935-39

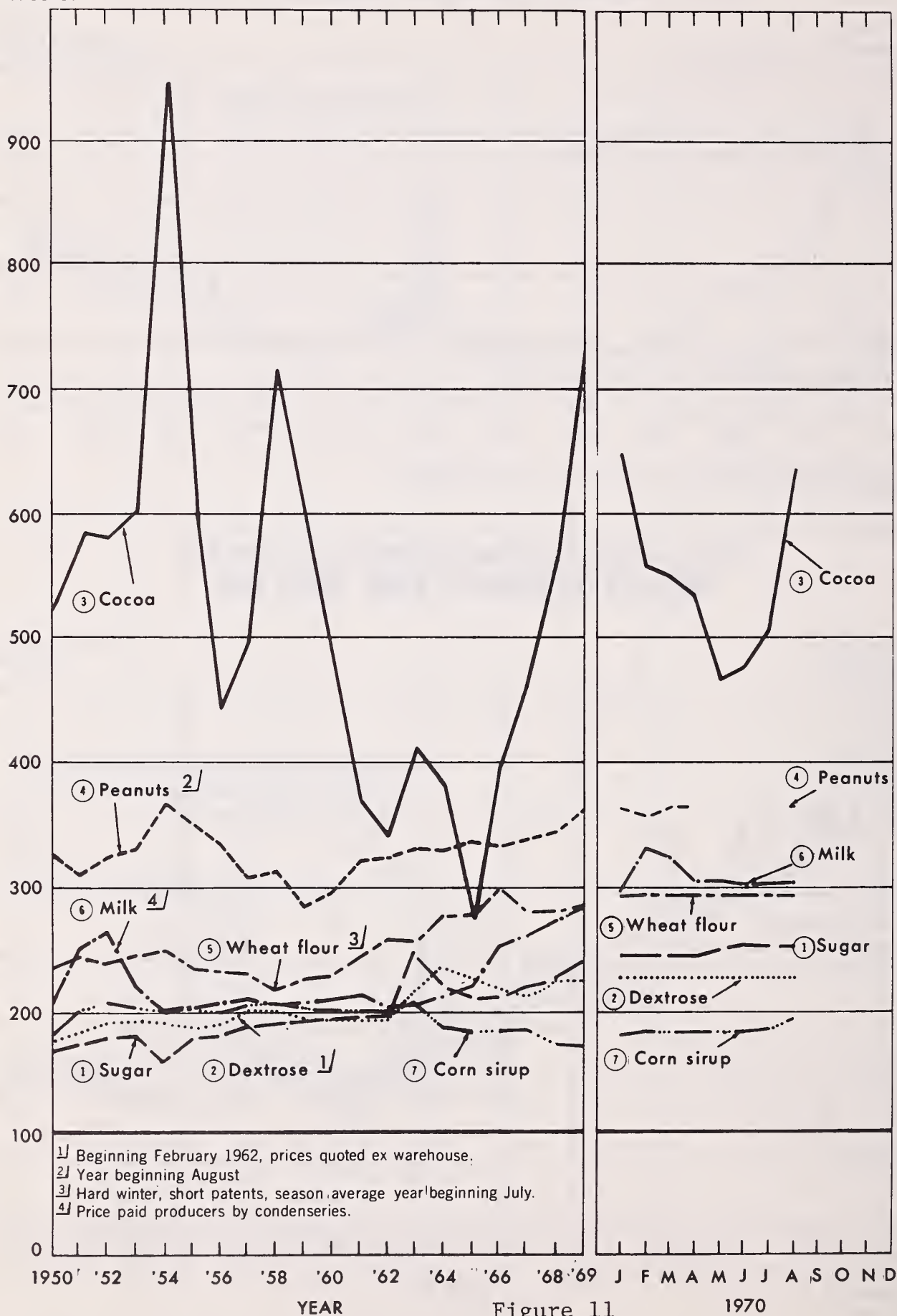


Table 17- Wholesale prices of selected ingredients in sugar containing products

Year	Sugar refined Northeast gross	Dextrose hydrate New York <u>1/</u>	Corn sirup 38-49 d.e.	Cocoa beans accra, fair fermented New York	Peanuts average received by farmers <u>2/</u>	Wheat flour Kansas City <u>3/</u>	Milk 3.5% butter- fat f.o.b. factory <u>4/</u>
Index: 1935 - 39 = 100							
1947	174.1	191.4	180.1	573.8	301.5	238.4	248.9
1948	163.0	169.7	190.6	652.5	313.4	211.3	280.6
1949	167.4	173.4	168.9	352.5	310.4	224.7	202.2
1950	168.0	176.0	179.9	527.9	325.4	236.3	206.5
1951	176.0	184.8	200.5	583.6	310.4	244.9	254.0
1952	181.0	193.6	208.1	580.3	325.4	240.4	269.1
1953	183.1	195.2	206.7	608.2	331.3	247.6	223.7
1954	163.1	194.4	206.7	945.9	364.2	251.7	202.9
1955	180.4	191.7	204.7	613.1	349.3	234.9	204.3
1956	184.2	193.3	201.9	445.9	334.3	232.5	210.1
1957	192.1	203.1	207.8	498.4	310.4	232.2	211.5
1958	194.7	203.4	208.1	719.7	316.4	221.6	207.2
1959	195.9	198.6	206.4	593.4	285.4	230.5	210.1
1960	198.0	198.6	206.7	468.9	298.5	234.9	215.1
1961	197.4	197.8	204.2	372.1	325.4	249.0	219.4
1962	201.6	196.5	198.0	341.0	328.4	261.0	209.4
1963	250.7	222.3	208.4	414.8	334.3	259.2	210.8
1964	224.3	237.7	189.4	383.6	334.3	276.0	217.3
1965	214.6	228.6	187.5	282.0	340.3	282.5	221.6
1966	217.6	219.9	189.2	403.3	337.3	302.4	259.0
1967	223.0	220.4	190.6	468.9	340.3	282.9	266.2
1968	227.6	227.0	178.2	563.9	349.3	282.5	275.5
1969	240.2	227.0	176.8	744.3	364.2	283.6	288.5
1970							
January	245.7	227.0	182.1	647.5	361.2	294.5	295.0
February	245.7	227.0	183.6	557.4	358.2	294.9	331.7
March	245.7	227.0	183.6	550.8	361.2	294.9	325.9
April	245.7	227.0	183.6	534.4		294.9	305.0
May	249.5	227.0	183.6	468.9		294.9	305.0
June	253.0	227.0	183.6	478.7		294.9	302.0
July	253.0	227.0	184.7	508.2		294.9	302.0
August	253.0	227.0	194.9	636.1	364.2	294.9	
September							
October							
November							
December							

1/ Beginning February 1962, prices quoted ex warehouse.2/ Year beginning August.3/ Hard winter, short patents, season average year beginning July.4/ Price paid producers by condenseries.

Table 18.-Production of sweetener containing products
Index: 1957-59=100

Calendar year or month	Bakery products	Confec- tionery	Ice cream and dairy products	Beverages	Canned, bottled and frozen foods	Other foods: not else- where classified	Combined averages
1957	98.7	99.3	97.0	97.2	91.1	94.6	96.8
1958	99.6	99.6	98.6	97.1	101.5	100.0	99.4
1959	101.7	101.0	104.2	105.9	108.2	105.3	104.1
1960	105.2	103.9	106.5	105.1	116.1	107.1	107.0
1961	107.3	111.8	108.4	109.1	125.5	109.3	112.1
1962	110.5	112.2	110.9	118.8	137.2	113.1	117.6
1963	113.7	117.9	114.0	131.0	138.9	115.5	123.1
1964	115.9	120.5	117.4	138.5	142.9	118.4	127.0
1965	116.5	123.8	120.7	149.9	160.7	122.2	133.9
1966	117.5	132.2	120.3	167.7	181.2	124.0	143.5
1967	121.7	137.4	121.8	176.5	181.6	126.9	148.2
1968	126.1	137.2	123.3	197.4	185.1	130.5	155.6
1969	127.6	136.5	123.6	197.5	205.4	133.0	159.0
<u>1968</u>							
January	121.1	125.4	91.2	152.4	139.0	122.9	130.2
February	123.0	149.8	105.9	160.7	138.8	125.3	139.0
March	125.8	144.6	117.2	176.6	143.4	125.9	144.6
April	122.5	119.5	131.0	196.6	141.9	123.7	145.0
May	121.8	109.7	137.0	202.4	154.5	126.8	147.0
June	130.4	126.2	161.9	242.6	178.2	132.5	168.9
July	127.8	97.4	159.1	252.5	202.0	133.0	168.5
August	128.8	132.4	153.6	248.3	340.0	131.5	179.3
September	129.1	205.0	130.1	202.7	293.0	135.2	187.4
October	128.5	171.3	109.7	182.0	238.7	137.6	165.9
November	128.1	155.2	93.8	167.0	179.9	135.8	148.7
December	126.1	109.7	89.0	184.8	171.6	135.7	142.4
<u>1969</u>							
January	121.4	124.3	95.0	155.7	153.8	130.1	134.0
February	123.4	159.0	107.1	159.7	158.6	130.2	144.0
March	125.0	148.2	117.4	180.7	160.0	130.7	149.0
April	122.9	121.6	127.6	188.4	160.2	128.8	146.1
May	125.7	118.1	139.5	203.0	171.0	128.0	152.4
June	130.9	124.5	160.5	244.0	186.9	134.1	170.3
July	128.9	93.1	156.6	240.0	214.5	132.2	166.2
August	132.6	135.0	156.1	250.0	304.6	133.4	190.9
September	125.8	190.2	128.3	203.0	324.5	137.7	188.5
October	126.7	160.5	109.5	183.7	241.8	138.1	164.3
November	136.6	155.0	93.3	170.9	206.9	136.9	155.6
December	132.3	112.7	92.2	190.6	183.9	136.0	148.0
<u>1970</u>							
January	128.7	119.7	114.0	166.3	168.7	131.5	141.5
February	130.0	155.4	130.7	170.5	171.6	132.1	151.8
March	126.8	133.5	142.3	144.3	174.5	131.3	141.3
April	124.5	100.4	149.3	170.1	165.4	131.7	140.5
May	126.3	107.7	170.1	183.1	175.1	133.1	149.0
June	129.5	77.2	182.0		188.0	136.3	
July							
August							
September							
October							
November							
December							

Source: Applicable Federal Reserve Board group and sub-group indexes were arranged as nearly as practicable to match as to content sugar deliveries by types of buyers as shown in Sugar Reports and then weighted in each calendar year proportionately by the reported deliveries of sugar, corn sirup and dextrose by type of buyer in each calendar year for the period 1957-67. For subsequent years the 1967 proportions were used because that is the last year for which complete data are available for all three of the sweeteners. The 1969-70 data for beverages were computed from other data on total beverage production minus the production of alcoholic beverages.

Table 19.- Basic and adjusted sugar quotas 1964 to 1970

Area	Basic quotas - final						
	1964	1965	1966	1967	1968	1969	1970 ^{1/}
Short tons, raw value							
<u>Domestic</u>							
Domestic beet	2,698,590	3,025,000	3,025,000	3,215,667	3,311,000	3,215,667	3,597,000
Mainland cane	911,410	1,100,000	1,100,000	1,169,333	1,204,000	1,169,333	1,308,000
Hawaii	1,110,000	1,136,753	1,200,227	1,252,543	1,191,704	1,190,673	1,145,486
Puerto Rico	1,140,000	1,140,000	1,140,000	1,140,000	1,140,000	1,140,000	1,140,000
Virgin Islands	15,832	15,232	15,000	15,000	15,000	15,000	15,000
Total domestic areas	5,875,832	6,416,985	6,480,227	6,792,543	6,861,704	6,730,673	7,205,486
<u>Foreign</u>							
Basic quota ^{2/}	2,420,307	3,494,798	3,894,773	4,007,457	4,138,296	4,069,327	4,394,514
Global quota	1,503,861	-	-	-	-	-	-
Total foreign areas	3,924,168	3,494,798	3,894,773	4,007,457	4,138,296	4,069,327	4,394,514
TOTAL REQUIREMENTS	9,800,000	9,911,783	10,375,000	10,800,000	11,000,000	10,800,000	11,600,000

Area	Adjusted quotas - final						
	1964	1965	1966	1967	1968	1969	1970
Short tons, raw value							
<u>Domestic</u>							
Domestic beet	2,698,590	3,025,000	3,025,000	3,215,667	3,115,667	3,215,667	3,597,000
Mainland cane	911,410	1,100,000	1,100,000	1,169,333	1,204,000	1,169,333	1,308,000
Hawaii	1,110,000	1,136,753	1,200,227	1,252,543	1,191,704	1,190,673	1,145,486
Puerto Rico	915,000	815,000	711,000	725,000	515,000	370,897	360,000
Virgin Islands	15,832	5,232	5,405	-	-	-	-
Total domestic areas	5,650,832	6,081,985	6,041,632	6,362,543	6,026,371	5,946,570	6,410,486
<u>Foreign</u>							
Basic quota ^{2/}	2,383,730	3,494,798	3,841,138	4,006,996	4,119,578	3,995,869	4,392,059
Deficit allocation	261,577	335,000	492,230	430,461	854,051	857,561	797,455
Global quota	1,503,861 ^{3/}	-	-	-	-	-	-
Total foreign areas	4,149,168	3,829,798	4,333,368	4,437,457	4,973,629	4,853,430	5,189,514
TOTAL REQUIREMENTS	9,800,000	9,911,783	10,375,000	10,800,000	11,000,000	10,800,000	11,600,000

^{1/} Basic quotas and adjusted quotas as of September 1970.

^{2/} Includes allocations to Argentina of 20,000 tons in 1964 and allocations to the Dominican Republic of 130,000 tons in 1964 pursuant to Sec. 202(4)(B) of the Sugar Act. Beginning 1965, includes proration of quotas withheld from Cuba and Southern Rhodesia.

^{3/} In 1964, 503,861 short tons, raw value of global quota were not allocated.

Table 20- Final basic sugar quotas for foreign countries, 1964 to 1970

Area	1964	1965	1966	1967	1968	1969	1970 ^{1/}
Short tons, raw value							
Philippines	1,050,000	1,073,000	1,123,305	1,126,020	1,126,020	1,126,020	1,126,020
Argentina	20,000	68,723	52,776	55,262	58,075	56,360	63,398
Australia	40,366	200,307	187,127	190,539	196,102	192,937	206,270
Bahamas						10,000	10,000
Belgium	182	1,937					
Bolivia			5,108	5,347	5,619	5,453	6,136
Brazil	182,363	238,351	429,016	449,225	472,095	458,146	515,371
British Honduras	974	4,528	11,469	11,679	12,019	11,824	12,642
British West Indies	91,325	131,555	157,447	160,318	164,995	162,324	173,542
China, Republic of	35,499	72,436	77,969	79,391	81,709	80,390	85,946
Colombia	30,346	30,260	45,398	47,537	49,957	48,481	54,537
Costa Rica	25,193	37,588	51,982	52,889	55,577	53,936	60,672
Dominican Republic	322,096	415,405	429,016	449,233	472,101	458,146	515,371
Ecuador	25,193	53,313	62,423	65,362	68,690	66,662	74,987
El Salvador	10,306	18,671	32,124	32,686	34,347	33,332	37,493
Fiji Islands	10,020	48,823	41,064	41,813	43,034	42,339	45,265
France		6,103					
French West Indies	30,346	46,253	49,528	50,431	51,904	51,062	54,590
Guatemala	20,326	37,831	43,806	44,571	46,836	45,451	51,127
Haiti	20,326	20,010	23,835	24,957	26,227	25,452	28,631
Honduras				5,332	5,619	5,453	6,136
India	20,326	103,919	74,850	76,216	78,441	77,175	82,508
Ireland	10,000	2,398	5,351	5,351	5,351	5,351	5,351
Malagasy Republic		7,871	8,836	8,997	9,261	9,111	9,740
Mauritius		16,008	17,153	17,466	17,976	17,686	18,909
Mexico	192,096	420,516	438,665	459,329	482,712	468,448	526,959
Nicaragua	25,193	43,746	51,982	52,889	55,577	53,936	60,672
Panama	8,832	15,629	31,779	33,276	34,972	33,938	38,177
Peru	192,096	259,287	342,192	358,312	376,554	365,425	411,068
Reunion		2,373					
South Africa	20,326	103,862	55,098	56,103	57,741	56,808	60,735
Southern Rhodesia ^{2/}	0	0	0	0	0	0	0
Swaziland		9,648	6,757	6,881	7,082	6,967	7,448
Thailand			17,153	17,466	17,976	17,686	18,909
Turkey		1,574					
Venezuela		2,873	21,564	22,579	23,727	23,028	25,904
Not prorated	36,577 ^{3/}						
Total ^{4/}	2,420,307	3,494,798	3,894,773	4,007,457	4,138,296	4,069,327	4,394,514

^{1/} As of September 1970. ^{2/} Beginning 1965 quota withheld and prorated to Western Hemisphere countries pursuant to Section 202(d)(1) (B) of the Sugar Act. ^{3/} Withheld pursuant to Sec. 202(d) and (e) of the Sugar Act. 1964 - Netherlands - 10,020, Canada - 631, United Kingdom - 516, Hong Kong - 3; Paraguay - 10,020, Panama - 6,341 and British Honduras - 9,046.

^{4/} Includes allocations to Argentina 20,000 tons in 1964 and allocations to the Dominican Republic of 130,000 tons in 1964 pursuant to Sec. 202(4)(B) of the Sugar Act. Beginning 1965 includes proration of quotas withheld from Cuba and Southern Rhodesia.

Table 21- Final adjusted sugar quotas for foreign countries ^{1/}, 1964 to 1970

Area	1964	1965	1966	1967	1968	1969	1970 ^{2/}
Short tons, raw value							
Philippines	1,219,790	1,178,216	1,202,978	1,126,020	1,126,020	1,126,020	1,301,020
Argentina	20,000	68,723	58,820	63,064	76,255	78,809	78,509
Australia	215,098	200,307	187,786	190,539	203,276	192,937	206,270
Bahamas						10,000	10,000
Belgium	182	1,937					
Bolivia			4,681	6,102	7,103	7,625	7,599
Brazil	182,363	269,243	478,143	512,651	619,881	640,638	638,210
British Honduras	5,988	5,115	12,884	13,378	15,880	16,568	15,782
British West Indies	142,524	148,605	176,886	183,641	217,971	227,455	216,645
China, Republic of	82,613	72,436	78,243	79,391	84,698	80,390	85,946
Colombia	30,346	34,182	50,597	54,250	65,594	67,792	67,537
Costa Rica	58,119	42,459	71,527	60,357	73,264	75,420	75,133
Dominican Republic	402,822	469,244	602,931	618,131	707,030	693,068	678,209
Ecuador	58,039	60,223	69,570	74,591	90,193	93,216	92,860
El Salvador	20,551	21,091	44,204	37,301	45,279	46,609	46,429
Fiji Islands	54,556	48,823	41,209	41,813	44,608	42,339	45,265
France	845	6,103					
French West Indies	34,290	52,248	55,644	57,767	66,237	71,550	68,149
Guatemala	45,023	42,734	60,277	50,863	61,743	63,557	63,314
Haiti	20,326	22,603	26,564	28,480	27,420	17,419	26,176
Honduras				6,085	7,406	7,625	7,599
India	110,553	103,919	73,403	76,216	81,311	77,175	82,508
Ireland	10,000	2,398	5,351	5,351	5,351	5,351	5,351
Malagasy Republic	11,559	7,871	8,867	8,997	9,600	9,111	9,740
Mauritius		16,008	17,213	17,466	18,633	17,686	18,909
Mexico	479,425	475,017	488,896	524,181	633,819	655,044	652,559
Nicaragua	50,454	49,416	19,000	52,889	54,835	71,925	75,133
Panama	19,216	17,655	13,000	32,815	37,439	44,440	39,500
Peru	234,391	292,892	381,375	408,901	494,431	300,000	455,991
Reunion		2,373					
South Africa	119,960	103,862	55,292	56,103	59,854	56,808	60,735
Southern Rhodesia	10,260	0	0	0	0	0	0
Swaziland		9,648	6,781	6,881	7,342	6,967	7,448
Thailand			17,213	17,466		17,686	18,909
Turkey		1,574					
Venezuela		2,873	24,033	25,767	31,156	32,200	32,079
Unallocated	509,875						
Total	4,149,168	3,829,798	4,333,368	4,437,457	4,973,629	4,853,430	5,189,514

^{1/} Basic quotas shown in table 20 as adjusted for global quota allocations in 1964 and for deficits and deficit prorations for each year shown.

^{2/} As of September 1970.

Table 22- Production, field worker requirements, and earnings of field workers for domestic sugar producing areas, 1958-1969 crops

Crop year	Louisiana	Florida	Hawaii ^{1/}	Puerto Rico	Beet area
<u>Number of farms</u>					
1958	2,908	24	597	16,517	25,334
1959	2,686	14	787	15,976	25,259
1960	2,547	13	681	14,973	24,219
1961	2,534	19	706	14,230	24,319
1962	2,413	111	587	13,157	22,856
1963	2,308	111	612	12,317	22,801
1964	2,301	182	535	11,608	23,968
1965	2,218	178	578	10,770	22,615
1966	2,080	169	529	9,826	19,542
1967	1,912	153	569	8,795	17,775
1968	1,794	143	518	7,753	18,452
1969	1,687	134	528	6,531	19,103*
<u>Acreage harvested</u>					
1958	219,144	34,423	84,136	327,708	895,111
1959	249,830	46,404	110,371	344,596	897,112
1960	255,357	48,941	103,584	327,961	961,993
1961	277,308	56,143	108,320	328,138	1,091,054
1962	253,689	114,289	108,600	308,644	1,101,027
1963	295,492	139,932	107,436	303,041	1,249,231
1964	325,231	219,802	110,759	303,142	1,393,400
1965	288,344	185,433	109,600	287,644	1,240,093
1966	288,483	190,695	111,005	272,844	1,160,880
1967	293,811	190,639	111,837	263,336	1,135,833
1968	282,397	182,059	113,526	237,143	1,442,385
1969	235,090	153,549	113,236	180,069	1,550,000*
<u>Production of cane or beets</u>					
<u>Net weight of cane or beets in short tons</u>					
1958	4,868,725	1,302,898	7,552,750	9,067,336	15,254,426
1959	5,072,611	1,770,828	9,416,225	10,181,755	16,756,507
1960	5,582,687	1,553,606	8,613,317	10,000,728	16,617,844
1961	7,118,497	2,035,893	9,595,342	10,754,016	17,926,984
1962	5,315,415	4,050,199	9,812,580	9,663,265	18,236,098
1963	8,554,103	4,446,459	10,033,969	10,122,518	23,405,714
1964	7,383,164	6,438,759	10,495,175	9,802,223	23,642,677
1965	6,542,184	5,505,458	10,737,507	8,806,972	20,470,009
1966	6,562,729	6,057,294	10,969,920	9,465,009	20,478,032
1967	8,110,847	6,542,451	11,045,949	8,160,195	19,598,399
1968	7,376,941	5,367,659	11,279,920	6,590,296	25,670,087
1969	5,676,089	5,196,840	10,839,271	5,896,834	27,000,000*
<u>Yield of cane or beets per harvested acre</u>					
<u>Short tons</u>					
1958	22.22	37.85	89.77	27.67	17.04
1959	20.30	38.16	85.31	29.55	18.68
1960	21.86	31.74	83.15	30.49	17.27
1961	25.67	36.26	88.58	32.77	16.43
1962	20.95	35.44	90.36	31.31	16.56
1963	28.95	31.78	93.39	33.40	18.74
1964	22.70	29.29	94.76	32.34	16.97
1965	22.69	29.69	97.97	30.62	16.51
1966	22.75	31.76	98.82	34.69	17.64
1967	27.61	34.32	98.77	30.99	17.25
1968	26.12	29.48	99.36	27.79	17.80
1969	24.14	33.84	95.72	32.75	17.42*

continued

Table 22- Production field worker requirements, and earnings of field workers for domestic sugar producing areas, 1958-69

Crop year	Louisiana	Florida	Hawaii	Puerto Rico ^{2/}	Beet area
<u>Production of sugar</u>					
<u>Short tons, raw value ^{3/}</u>					
1958	442,860	136,269	764,953	934,160	2,213,404
1959	440,604	174,730	974,632	1,087,029	2,301,928
1960	469,856	159,539	935,744	1,019,442	2,474,533
1961	649,514	207,758	1,092,481	1,109,712	2,430,595
1962	471,601	380,372	1,120,011	1,008,943	2,595,347
1963	759,473	424,375	1,100,768	989,235	3,086,441
1964	572,710	574,415	1,178,770	989,439	3,331,711
1965	550,035	554,131	1,217,667	896,943	2,816,099
1966	562,290	652,260	1,234,121	883,442	2,852,623
1967	740,234	717,272	1,191,042	818,294	2,693,537
1968	668,667	545,577	1,232,182	645,466	3,489,564
1969	537,429	534,857	1,182,414	483,422	3,400,000*
<u>Yield of sugar per harvested acre</u>					
<u>Short tons, raw value</u>					
1958	2.02	3.96	9.09	2.85	2.47
1959	1.76	3.77	8.83	3.15	2.57
1960	1.84	3.26	9.03	3.11	2.57
1961	2.34	3.70	10.09	3.38	2.23
1962	1.86	3.33	10.31	3.27	2.36
1963	2.57	3.03	10.25	3.26	2.47
1964	1.76	2.61	10.64	3.26	2.39
1965	1.91	2.99	11.11	3.12	2.27
1966	1.95	3.42	11.12	3.24	2.46
1967	2.52	3.76	10.65	3.11	2.37
1968	2.37	3.00	10.85	2.72	2.42
1969	2.29	4.38	10.44	2.68	2.19*
<u>Percentage of sugar recovered from cane or beets produced</u>					
1958	9.10	10.46	10.13	10.30	14.51
1959	8.69	9.87	10.35	10.68	13.74
1960	8.42	10.27	10.86	10.19	14.89
1961	9.12	10.20	11.39	10.32	13.56
1962	8.87	9.39	11.41	10.44	14.23
1963	8.88	9.54	10.97	9.77	13.19
1964	7.76	8.92	11.23	10.09	14.09
1965	8.41	10.07	11.34	10.18	13.76
1966	8.57	10.77	11.25	9.33	13.93
1967	9.13	10.96	10.78	10.03	13.74
1968	9.06	10.16	10.92	9.79	13.59
1969	9.47	10.29	10.91	8.20	12.59*
<u>Number of persons working on farms ^{4/}</u>					
1958	21,000	2,600	8,800	113,000	106,000
1959	20,000	3,200	8,300	97,000	100,000
1960	20,000	3,500	8,000	95,000	92,000
1961	21,000	4,400	7,700	97,000	103,000
1962	20,000	6,500	7,300	94,000	103,000
1963	22,000	7,500	7,100	95,000	104,000
1964	23,000	10,000	7,000	91,000	103,000
1965	21,000	9,000	6,900	81,000	94,000
1966	21,000	9,500	6,700	70,000	88,000
1967	20,200	10,300	6,600	60,000	84,000
1968	18,200	9,200	6,400	49,000	86,000
1969	15,200	8,500	5,900	38,000	83,000

Continued

Table 22- Production, field worker requirements, and earnings of field workers for domestic sugar producing areas, 1958-69 crops - continued

Crop year	Louisiana	Florida	Hawaii	Puerto Rico ^{2/}	Beet area
Man-hours per acre ^{5/}					
1958	95.99	86.57	163.80	275.77	60.76
1959	89.51	81.32	149.23	279.15	55.00
1960	76.14	75.76	150.98	271.91	52.94
1961	74.22	88.13	140.25	275.81	46.38
1962	71.72	83.35	141.87	264.80	48.10
1963	80.96	76.42	138.99	292.94	48.16
1964	71.56	61.88	125.13	286.91	48.04
1965	77.66	57.53	120.21	251.07	45.17
1966	59.24	59.13	116.76	268.86	45.81
1967	58.51	61.36	115.87	249.45	44.27
1968	57.02	55.74	114.14	233.68	45.02
1969	56.13	61.04	112.33	263.66	41.96
Man-hours per ton of cane or beets ^{5/}					
1958	4.32	2.29	1.82	9.97	3.57
1959	4.42	2.13	1.75	9.46	2.94
1960	3.48	2.39	1.82	8.92	3.07
1961	2.89	2.43	1.58	8.42	2.82
1962	3.42	2.35	1.57	8.46	2.90
1963	2.80	2.40	1.49	8.77	2.57
1964	3.15	2.11	1.32	8.87	2.83
1965	3.20	1.94	1.23	8.20	2.74
1966	2.61	1.86	1.18	7.75	2.61
1967	2.12	1.79	1.17	8.05	2.57
1968	2.18	1.89	1.15	8.41	2.50
1969	2.33	1.80	1.17	8.05	2.41
Man-hours per ton of sugar (raw value) ^{5/}					
1958	47.52	21.86	18.02	96.76	24.60
1959	50.86	21.57	16.90	88.62	21.40
1960	41.38	23.24	16.72	87.43	20.60
1961	31.72	23.82	13.90	81.60	20.80
1962	38.56	25.03	13.76	80.98	20.38
1963	31.50	25.22	13.56	89.86	19.50
1964	40.66	23.71	11.76	88.01	20.10
1965	38.06	19.24	10.82	80.47	19.90
1966	30.38	17.29	10.50	82.98	18.70
1967	23.22	16.32	10.88	80.21	18.60
1968	24.06	18.58	10.52	85.91	18.18
1969	24.62	17.54	10.76	98.38	19.16

Continued

Table 22 - Production, field worker requirements, and earnings of field workers for domestic sugar producing areas, 1958-69 crops - continued

Crop year	:	:	:	Hawaii	:	:	:
	:	:	:		:	Puerto Rico <u>2/</u>	Beet sugar
	:	:	:	Earnings	:	Fringe benefits	:
	:	:	:	:	:	:	:
Weighted average earnings per hour of field workers ^{6/}							
				Dollars per hour			
1958	0.692	0.984	1.597	0.571	0.504		1,065
1959	0.710	0.991	1,753	0.521	0.497		1,094
1960	0.765	1.051	1,794	0.557	0.522		1,117
1961	0.786	1.105	1.919	0.605	0.546		1.132
1962	0.826	1,131	2.003	0.734	0.564		1.160
1963	1.121	1.280	2.100	0.750	0.584		1.220
1964	1.068	1.348	2.308	0.750	0.608		1.290
1965	1.157	1.458	2.436	0.800	0.614		1.380
1966	1.221	1.584	2.617	0.800	0.631		1.471
1967	1.315	1.694	2.798	0.900	0.660		1.570
1968	1.486	1.833	2.983	1.050	0.693		1.670
1969*	1.651	1.960	3.035	1.200	0.726		1.820

Note: The foregoing data are revised from time to time as later information becomes available. Production data for all years are based upon statistics regularly compiled by the Sugar Division from industry sources. Data regarding man-hours and earnings per hour of field workers were taken from the best available sources and are believed to be reliable in a degree that permits a generalized comparison among areas. Estimates of the peak number of persons working on farms are difficult to ascertain and both primary and secondary source material have been used. Man-hour data reflect the most recent information available and have been stated on a raw value equivalent basis for all areas to achieve uniformity. Data for the 1946 through 1959 crops are included in Sugar Reports 113, September 1961, Table 26.

^{1/} Data for Hawaii include plantation farms and independent grower farms from which sugarcane was harvested in each year shown. In addition, sugarcane was cultivated during each year shown, for harvest in subsequent year, on the following estimated number of farms: 1958-556; 1959-326; 1960-356; 1961-254; 1962-258; 1963-211; 1964-287; 1965-240; 1966 - 269; 1967 - 216; 1968-250; 1969-225.

^{2/} Data are for the 1957-58 crop through the 1968-69 crop.

^{3/} Sugar produced from beets is refined sugar but for purposes of comparability production is shown as the raw value equivalent.

^{4/} Estimated peak number of persons working on farms during crop, including working farm operators and unpaid family workers.

^{5/} Data include all labor utilized in the production of sugarcane or sugarbeets (including supervision) other than administrative and employee services.

^{6/} Based on average hourly cash earnings of workers employed on time or piece work rate basis. In addition, workers receive non-cash benefits valued at 5 to 35 cents per hour except in Hawaii. Fringe benefits to workers in Hawaii are listed above.

* Preliminary.

Table 23.- Number of production workers, hourly earnings of production workers, total wages and salaries, value added by manufacture, and ratio of wages and salaries to value added by manufacture in the domestic sugar industry (continental and offshore) including farms

Group	Year	Production workers		Wages and salaries		Value added by manufacture		Ratio of wages and salaries to value added by manufacture
		Employees total number <u>1/</u>	Average earnings per hour <u>2/</u>	total	total	by <u>3/</u>		
		Thousands	Dollars	Millions of dollars		Percent		
Farms ^{4/}	1960	218.5	0.84	166.3	463.4	35.9		
	1961	233.1	0.86	177.0	512.8	34.5		
	1962	230.8	0.92	179.6	556.9	32.2		
	1963	235.6	1.00	221.9	719.0	30.9		
	1964	234.0	1.04	239.6	647.4	37.0		
	1965	211.9	1.10	218.2	594.4	36.7		
	1966	195.2	1.17	227.8	630.4	36.1		
	1967	181.1	1.27	228.4	675.1	33.8		
	1968	168.8	1.43	239.2	742.4	32.2		
Raw cane mills ^{4/}	1960	19.7	1.50	45.2	95.3	47.4		
	1961	19.9	1.58	49.1	113.3	43.3		
	1962	21.7	1.67	50.2	125.7	39.9		
	1963	22.0	1.70	57.8	174.7	33.1		
	1964	20.5	1.89	62.2	129.0	48.2		
	1965	19.6	2.06	59.6	121.8	48.9		
	1966	17.9	2.15	63.3	138.6	45.7		
	1967	19.6	2.28	68.3	153.8	44.4		
	1968	18.8	2.36	65.9	135.3	48.7		
Cane sugar refiners	1960	14.1	2.82	92.0	225.2	40.9		
	1961	15.7	2.97	89.0	211.4	42.1		
	1962	14.7	3.07	89.0	234.0	38.0		
	1963	14.1	3.24	90.8	254.5	35.7		
	1964	10.5	3.34	87.6	204.5	42.8		
	1965	10.1	3.49	85.0	268.0	31.7		
	1966	9.6	3.64	88.1	262.8	33.5		
	1967	9.7	3.70	92.7	308.5	30.0		
	1968	10.4	3.81	95.0	299.0	31.8		
Beet sugar processors	1960	21.2	2.14	52.9	154.3	34.3		
	1961	25.6	2.20	55.2	144.4	38.2		
	1962	25.4	2.26	55.3	166.9	33.1		
	1963	25.7	2.38	59.6	198.7	30.0		
	1964	24.4	2.47	67.8	191.5	35.4		
	1965	23.5	2.59	67.6	199.8	33.8		
	1966	23.9	2.71	67.7	220.3	30.8		
	1967	21.1	2.77	68.4	209.1	32.7		
	1968	24.7	3.08	76.9	267.8	28.7		

1/ Estimates - approximate peak number of employees. Data for farms include hired workers, farm operators and unpaid family workers. Data for processing include production workers only. 2/ Data for farms do not include payments in kind such as housing, garden plots, etc. 3/ For farms, value added by manufacture is total crop value including processor payments and allowances and government payments. For all of the other groups, value added by manufacture is calculated by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from total value of shipments, except for raw cane mills, the total returns from sales of sugar and net returns from molasses and bagasse, where applicable, are used.

4/ Crop years.

Table 24- Number of employees and hourly earnings of production workers in specified food industries in the United States 1/

Industry group <u>2/</u>	Year	Number of employees <u>3/</u>			Earnings per hour production workers
		Total	Production workers	Salaried employees	
			Thousands		Dollars
Grain mill and bakery products	1961	309.9	182.9	127.0	2.16
	1962	308.7	179.9	128.9	2.26
	1963	293.1	173.8	119.3	2.41
	1964	288.0	170.3	117.6	2.44
	1965	290.1	174.1	115.9	2.54
	1966	286.2	171.8	114.4	2.64
	1967 ^{4/}	277.4	170.2	107.2	2.84
	1968	273.9	169.1	104.8	2.97
Confectionery and related products	1961	79.9	63.7	16.2	1.87
	1962	80.2	63.8	16.4	1.92
	1963	78.0	63.7	14.3	1.99
	1964	79.7	65.1	14.6	2.06
	1965	79.3	65.4	13.9	2.12
	1966	81.3	67.0	14.4	2.22
	1967 ^{4/}	83.2	68.8	14.4	2.36
	1968	83.1	68.7	14.4	2.52
Dairy products	1961	46.9	27.1	19.8	2.14
	1962	44.8	25.8	19.0	2.22
	1963	41.6	25.0	16.7	2.41
	1964	40.5	24.6	15.9	2.47
	1965	39.3	24.5	14.8	2.52
	1966	40.8	24.0	16.9	2.65
	1967 ^{4/}	37.5	23.7	13.8	2.85
	1968	36.6	23.2	13.4	3.05
Bottled soft drinks	1961	104.0	40.9	63.2	1.67
	1962	105.4	41.4	64.0	1.70
	1963	106.8	40.6	66.2	1.88
	1964	111.1	41.0	70.1	1.93
	1965	113.9	42.1	71.8	2.03
	1966	117.7	43.7	73.9	2.14
	1967 ^{4/}	123.4	46.7	76.7	2.30
	1968	125.2	48.3	76.9	2.39
Canning, preserving, and freezing	1961	182.7	160.0	22.8	1.65
	1962	180.1	157.4	22.7	1.73
	1963	182.2	158.6	23.6	1.82
	1964	183.8	158.9	25.0	1.91
	1965	188.9	163.2	25.8	1.93
	1966	194.4	168.6	25.8	2.02
	1967 ^{4/}	197.3	172.4	24.9	2.16
	1968	203.8	177.6	26.2	2.36
Flavorings	1961	9.5	5.4	4.1	2.11
	1962	9.6	5.4	4.1	2.16
	1963	9.0	4.9	4.1	2.45
	1964	9.4	5.2	4.2	2.41
	1965	9.4	5.0	4.4	2.55
	1966	10.6	5.9	4.7	2.68
	1967 ^{4/}	10.1	5.8	4.3	2.92
	1968	9.6	5.6	4.0	3.12

1/ 1968 preliminary. 2/ Industries included in this tabulation are: For grain mill and bakery products: (a) cereal preparations, (b) bread and other bakery products, (c) biscuits, crackers, and pretzels. For confectionery and related products: (a) confectionery products, (b) chocolate and cocoa products, (c) chewing gum. For dairy products: (a) concentrated milk, (b) ice cream and ices. For canning, preserving, and freezing: (a) canning and preserving fruits and vegetables, (b) pickles and sauces, (c) frozen foods. 3/ Average of pay periods ending nearest to the 15th of March, May, August and November. 4/ Revised.

Source: Computed from data of the Bureau of the Census, U.S. Department of Commerce.

Table 25-Wages, salaries, value added by manufacture, and ratio of wages and salaries to value added by manufacture in specified food industries in the U.S. 1/

Industry group <u>2/</u>	:	:	Wages and salaries			:	Value	:	Ratio wages &	
	:	Year	:				:	added by	:sals. to value	
	:	:	Total	:	Wages	:	Salaries	:	manufacture	:added manuf.
<u>Millions of dollars</u>										<u>Percent</u>
Grain mill and bakery products	1961	1,543.7	816.1	727.6	3,160.5	48.8				
	1962	1,602.9	839.8	763.2	3,277.5	48.9				
	1963	1,592.8	856.3	736.5	3,390.6	47.0				
	1964	1,626.0	875.1	750.9	3,538.9	45.9				
	1965	1,663.2	898.5	764.7	3,602.0	46.2				
	1966	1,741.5	934.2	807.3	3,813.6	45.7				
	1967 ^{3/}	1,765.3	967.9	797.4	3,998.7	44.1				
	1968	1,841.8	1,018.6	823.2	4,197.1	43.9				
Confectionery and related products	1961	340.8	237.2	103.7	880.6	38.7				
	1962	353.3	243.9	109.4	904.3	39.1				
	1963	349.8	246.5	103.3	953.8	36.7				
	1964	373.8	260.6	113.2	1,005.7	37.2				
	1965	379.5	269.9	109.7	1,044.7	36.3				
	1966	405.1	287.0	118.1	1,112.5	36.4				
	1967 ^{3/}	434.5	312.9	121.6	1,248.9	34.8				
	1968	460.4	334.7	125.7	1,300.2	35.4				
Dairy products	1961	235.6	120.6	115.0	692.8	34.0				
	1962	235.1	121.1	114.0	681.1	34.5				
	1963	225.0	126.0	99.0	667.5	33.7				
	1964	228.9	129.6	99.2	740.7	30.9				
	1965	228.7	130.5	98.2	717.6	31.9				
	1966	236.2	135.2	101.1	740.9	31.9				
	1967 ^{3/}	237.4	136.7	100.7	738.9	32.1				
	1968	243.2	142.2	101.0	763.7	31.8				
Bottled soft drinks	1961	485.4	149.2	336.2	1,060.8	45.8				
	1962	515.3	158.3	357.0	1,127.8	45.7				
	1963	537.3	162.9	374.4	1,213.9	44.3				
	1964	582.6	172.8	409.8	1,367.0	42.6				
	1965	614.4	182.7	431.7	1,372.7	44.8				
	1966	667.1	201.1	466.0	1,470.8	45.4				
	1967 ^{3/}	727.1	219.2	507.9	1,681.4	43.2				
	1968	773.0	235.4	537.6	1,816.4	42.6				
Canning, preserving and freezing	1961	668.8	509.1	159.7	1,744.1	38.3				
	1962	695.5	536.3	159.2	1,768.3	39.3				
	1963	709.8	547.3	162.5	1,933.5	36.7				
	1964	753.2	581.7	171.5	2,056.5	36.6				
	1965	789.6	604.4	185.3	2,217.2	35.6				
	1966	849.6	655.4	194.2	2,399.3	35.4				
	1967 ^{3/}	939.0	728.6	210.4	2,661.9	35.3				
	1968	1,025.0	795.5	229.5	2,703.2	37.9				
Flavorings	1961	53.5	23.5	30.0	335.0	16.0				
	1962	56.4	24.6	31.7	374.1	15.1				
	1963	56.1	24.9	31.3	393.6	14.3				
	1964	63.5	27.8	35.8	448.2	14.2				
	1965	62.8	25.7	37.1	487.5	12.9				
	1966	70.8	31.3	39.6	555.5	12.7				
	1967 ^{3/}	75.3	34.2	41.1	592.6	12.7				
	1968	74.6	35.2	39.4	647.2	11.5				

1/ 1968 preliminary. 2/ Industries included in this tabulation are: For grain mill and bakery products: (a) cereal preparations, (b) bread and other bakery products, (c) biscuits, crackers, and pretzels. For confectionery and related products: (a) confectionery products, (b) chocolate and cocoa products, (c) chewing gum. For dairy products: (a) concentrated milk, (b) ice cream and ices. For canning, preserving and freezing: (a) canning and preserving fruits and vegetables, (b) pickles and sauces, (c) frozen foods.

3/ Revised.

Source: Computed from data of the Bureau of the Census, U. S. Department of Commerce.

Sugar Prices and Growers' Income from Mainland Sugarbeets and Sugarcane Compared with Prices Received by Farmers, 1935 to Date

Percent
of 1935

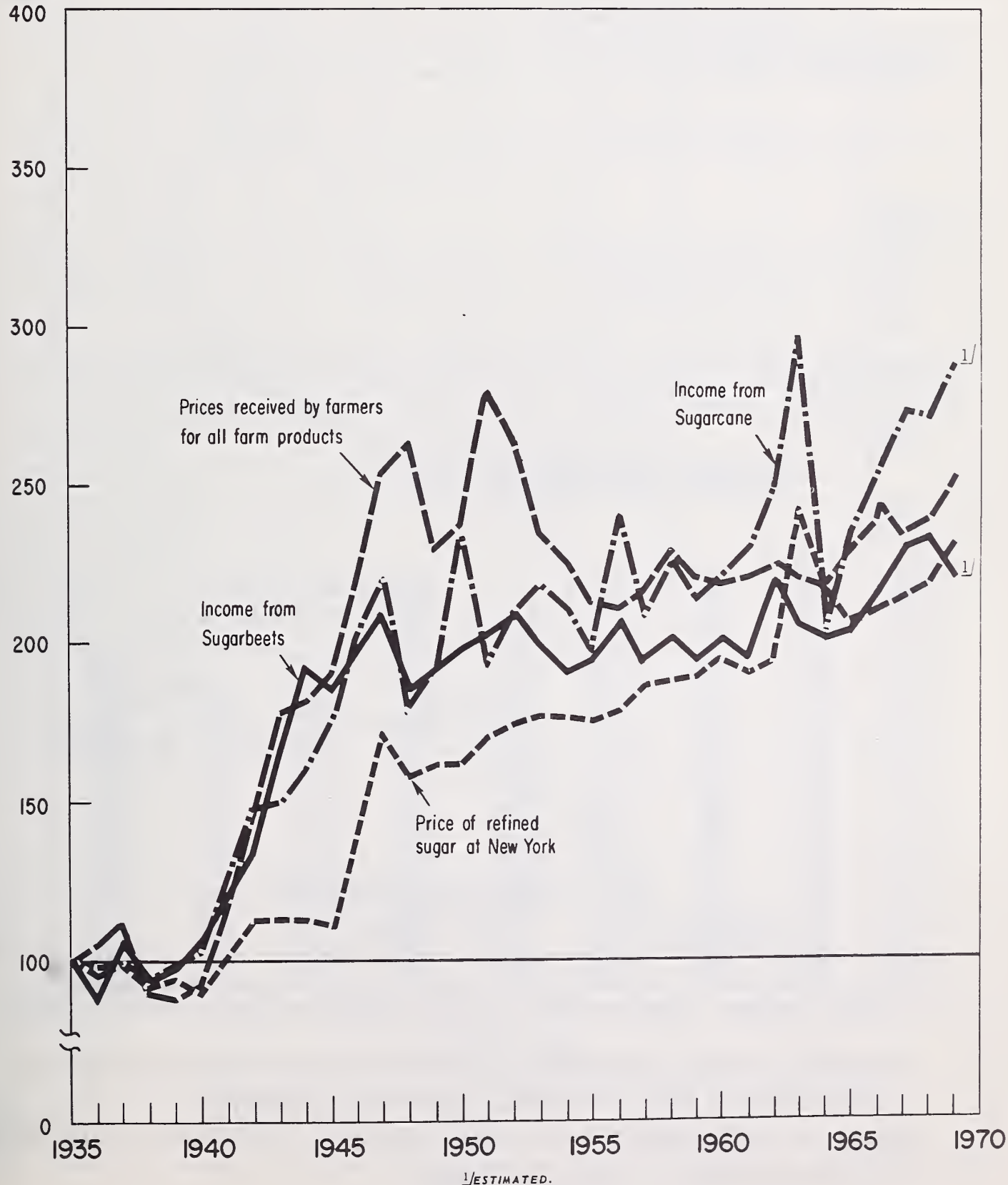


Figure 12

Minimum Wage Rates of Fieldworkers, Producer Income, and Cost of Food and Clothing, All Domestic Sugar Producing Areas, 1934 to date

PERCENT OF 1934

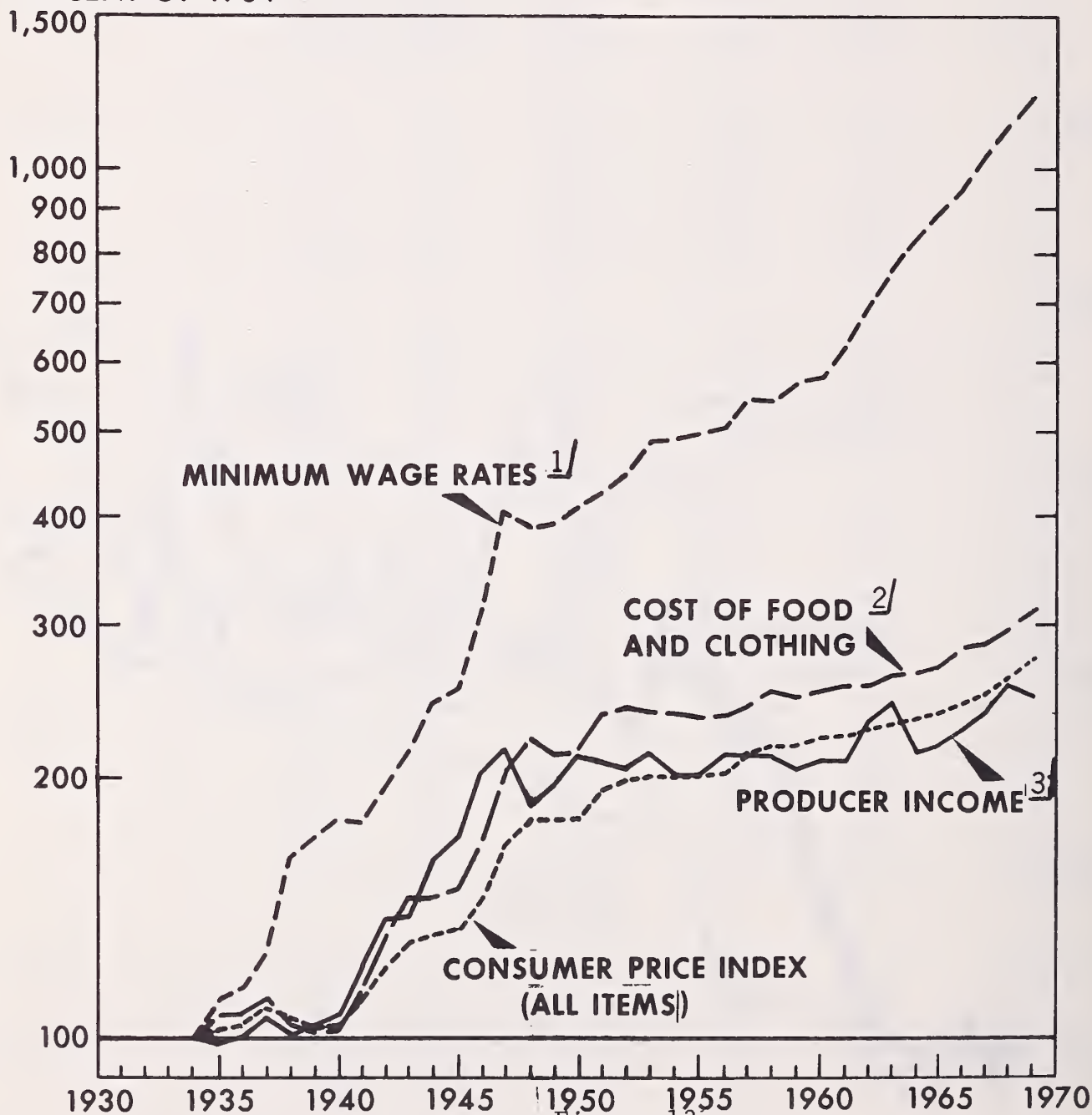


Figure 13

^{1/} WEIGHTED AVERAGE MINIMUM WAGE RATES FOR EACH AREA WEIGHTED BY PRODUCTION OF BEETS OR CANE, DATA PARTLY ESTIMATED.

^{2/} DATA OF THE DEPARTMENT OF LABOR, WEIGHTED 15 CLOTHING AND 85 FOOD

^{3/} PER TON OF BEETS OR CANE. ALL AREAS.

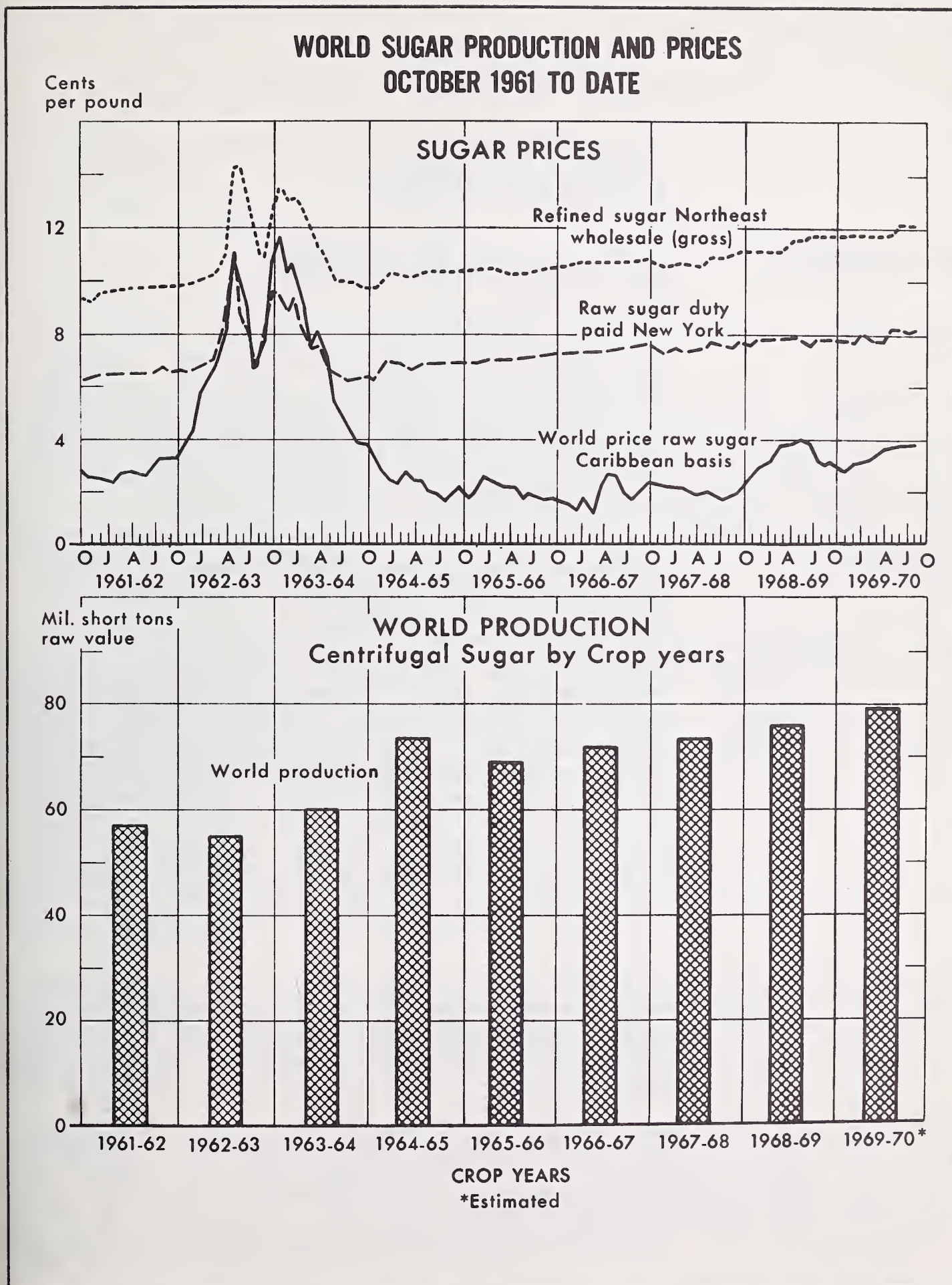


Figure 14

ADMINISTRATIVE ACTIONSDate announcedNature of action

August 28,
1970

Announced removal of marketing allotments applicable to sugarbeet processors for calendar year 1970. This action is intended to relax restrictions on the movement of refined sugar during the remainder of the summer - a period of traditional heavy usage. (See Sept. 11, 1970 Federal Register).

September 3,
1970

Announced that proportionate shares (farm acreage allotments) will not be established for the 1971 crop of sugarbeets.

The 1967 thru 1969 crops were unrestricted. Proportionate shares were established for the 1970 crop, initially at 1,450,000 acres, and later increased to 1,550,000 acres. Restrictions were removed altogether in April because of lower than anticipated sugar recovery from the 1969 crop and indications that total plantings would be less than the acreage allotted for the 1970 crop. (See September 10, 1970 Federal Register).

September 18,
1970

Announced its determination of fair and reasonable prices for the 1970 crop of Louisiana sugarcane. The determination continues the sharing relationship and other provisions of the 1969-crop determination.

The Sugar Act of 1948, as amended, requires producers who also process sugarcane grown by other producers to pay prices determined by the Secretary to be fair and reasonable as a condition for eligibility for payment under the Act.

A public hearing on fair and reasonable prices was held in Houma, Louisiana, on June 5, 1970. (See Sept. 24, 1970 Federal Register).

STATISTICAL SERIES IN THIS ISSUEHIGHLIGHTS

1. August 1970 sugar deliveries for continental U. S. consumption 1,098,000 short tons, raw value (preliminary), up about 86,000 tons from July 1970 and up 51,000 tons from August, 1969. January- August 1970 deliveries, 7,479,000 short tons, raw value (preliminary), up about 517,000 tons from January-August 1969. Final data for July 1970 deliveries 1,012,000 short tons, raw value - previously published preliminary as 1,038,000 tons.
2. Primary distributors' stocks August 29, 1970 were 1,324,000 short tons, raw value (preliminary) down 373,000 tons from a year ago, and down 402,000 tons from end July 1970. During August refiners' stocks decreased by 47,000 tons, beet processors' stocks decreased by 297,000 tons, mainland cane processors' stocks decreased by 55,000 tons and importers of direct-consumption sugar stocks decreased about 3,000 tons.
3. Charges to 1970 quotas through August 31, 1970 were 7,799,427 short tons, raw value, leaving a balance of 3,800,573 tons to be supplied within the 11,600,000 ton total.
4. Regionally, January-July deliveries, 1970 as compared to 1969 were up in all of the five regions. The increases were -- North Central 11.7 percent, West - 8.5 percent, mid-Atlantic 5.8 percent, South 5.3 percent, and New England 2.0 percent.
5. Second quarter 1970 sugar deliveries were larger to five of the seven industrial user groups than for the same 1969 quarter, and were larger to all of the four non-industrial user groups. To industrial buyers the national increase was 4.3 percent while deliveries to non-industrial users increased 10.7 percent.

Table 26. - Sugar supply and disposition by primary distributors, January-July 1970

(Short tons, raw value)

Item	Beet proc- essors	Importers	Main- land cane proc- essors ^{1/}	Refiners		Net total
	(1)	(2)	(3)	Raw (4)	Refined (5)	(6)
SUPPLY						
1. <u>Inventory Jan. 1, 1970</u>	1,413,235	9,904	412,114	694,885 ^{2/}	268,967 ^{2/}	2,799,105
2. <u>Production and movement</u>						
a. Received as direct- consumption sugar	0	89,829	0	0	5,054	94,883
b. Produced from beets or cane	1,361,394	0	338,441	0	0)	
Less deliveries to refiners	0	0	588,899	0	0)	1,110,936
c. Receipts of raws by refiners	0	0	0	4,223,614 ^{4/}	0)	
Less raws melted	0	0	0	4,390,780	0)	-167,166
d. Refined from raws melted	0	0	0	0	4,355,848	4,355,848
e. Adjustments	-853	0	721	-923	-1,631	-2,686
f. Sub-total	1,360,541	89,829	-249,737	-168,089	4,359,271	5,391,815
3. <u>Net total supply</u>	2,773,776	99,733	162,377	526,796	4,628,238	8,190,920
DISPOSITION						
4. <u>Distribution for</u>						
a. Quota purposes	1,932,113	84,983	32,685	11,444	4,319,589	6,380,814
b. Export	0	120	0	0	34,979	35,099
c. Livestock feed	0	251	0	47	34,996	35,294
d. Alcohol	0	0	0	0	13,595	13,595
e. Sub-total	1,932,113	85,354	32,685	11,491	4,403,159	6,464,802
5. <u>Inventory July 31, 1970</u>	841,663	14,379	129,692	515,305 ^{6/}	225,079	1,726,118
6. <u>Total distribution and inventory</u>	2,773,776	99,733	162,377	526,796	4,628,238	8,190,920

^{1/} Establishments that acquire no raw sugar from others for refining. Processor-refiners are included with refiners.

^{2/} Includes mainland cane sugar not charged to quota: Raws, 200,002; Refined, 23,486; Total, 223,488.

^{3/} Production less deliveries of raw sugar to refiners.

^{4/} Includes 588,899 tons received from mainland cane processors.

^{5/} Receipts of raw sugar by refiners less melt.

^{6/} Refiners' inventories include mainland cane sugar not charged to quota: Raws, 7,573; Refined, 6,073; Total, 13,646. Importers' inventory include -0- tons for quota exempt purposes.

Table 27.- Distribution of sugar by primary distributors, January-July 1970 and 1969

Item	1970	1969	Change 1969 to 1970
Short tons, raw value			
Continental United States			
Refiners' raw	11,491	11,880	-389
Refiners' refined	4,403,159	4,161,161	+241,998
Sub-total	4,414,650	4,173,041	+241,609
Beet processors' refined	1,932,113	1,711,039	+221,074
Importers' direct consumption	85,354	87,798	-2,444
Mainland sugarcane processors'	32,685	33,229	-544
Total	6,464,802	6,005,107	+459,695
For: Export	35,099	55,808	-20,709
Livestock feed	35,294	28,157	+ 7,137
Alcohol	13,595	6,469	+7,126
Continental consumption ^{1/}	6,380,814	5,914,673	+466,141
	^{2/}		
Puerto Rico	70,000	72,852	-2,852
Hawaii	18,000	19,915	-1,915

^{1/} Includes deliveries for United States Military forces at home and abroad.

^{2/} Estimated

Table 28.- Stocks of sugar held by primary distributors in the continental United States, July 31, 1970 and 1969

Item	1970	1969	Change 1969 to 1970
Short tons, raw value			
Refiners' raw	515,305	710,412	-195,107
Refiners' refined	225,079	306,612	-81,533
Sub-total ^{1/}	740,384	1,017,024	-276,640
Beet processors' refined	841,663	917,257	-75,594
Importers' direct consumption	14,379	7,360	+7,019
Mainland sugarcane processors'	129,692	183,053	-53,361
Total	1,726,118	2,124,694	-398,576

^{1/} Included mainland cane sugar not charged to quota; 1970 - Raws, 7,573; Refined, 6,073; Total, 13,646; 1969 - Raws, 0; Refined, 6,773; Total, 6,773.

Table 29.- Distribution of sugar by primary distributors in the continental United States, August and January-August 1970 and 1969

Item	1970 ^{1/}	1969
	August	Jan.-Aug.
Short tons, raw value		
Refiners	678,000	5,092,650
Beet processors' refined	401,799	2,333,912
Importers' direct consumption	14,471	99,825
Mainland sugarcane processors'	4,000 ^{2/}	36,685
Total	1,098,270	7,563,072
For: Export	n.a.	35,099
Livestock feed	n.a.	35,294
Alcohol	n.a.	13,595
Continental consumption ^{3/}	1,098,270	7,479,084

^{1/} Preliminary. ^{2/} Estimated. ^{3/} Includes deliveries for U.S. military forces at home and abroad.

Table 30.- Stocks of sugar held by primary distributors in the continental United States, August 29, 1970 and August 31, 1969

Item	1970 ^{1/}	1969	Change 1969 to 1970
Short tons, raw value			
Refiners raw	484,162	565,486	-81,324
Refiners' refined	208,780	307,006	-98,226
Sub-total	692,942	872,492	-179,550
Beet processors' refined	545,132	668,541	-123,409
Importers' direct consumption	11,218	7,616	+3,602
Mainland sugarcane processors'	75,000 ^{2/}	148,989	-73,989
Total	1,324,292	1,697,638	-373,346

^{1/} Preliminary

^{2/} Estimated

Table 31-Mainland sugar: Production and quota charges January-July 1970 and 1969

Item	1970	1969	Change 1969 to 1970
Short tons, raw value			
<u>Production</u>			
Mainland cane	338,041	320,360	+17,681
Domestic beet	1,360,541	1,245,644	+114,897
Total	1,698,582	1,566,004	+132,578
<u>Quota charges</u>			
Mainland cane:			
Louisiana sugarcane processors			
For further processing	291,886	333,282	-41,396
For direct-consumption	7,341	8,136	-795
Louisiana processor-refiners	82,285	101,990	-19,705
Florida sugarcane processors	448,793	437,863	+10,930
Sub-total	830,305	881,271	-50,966
Beet processors	1,932,113	1,711,039	+221,074
Total	2,762,418	2,592,310	+170,108

Table 32-Receipts of quota-exempt and over-quota sugar included in Table 33

Purpose	Refiners		Importers		Total	
	1970	1969	1970	1969	1970	1969
Short tons, raw value						
<u>For export</u>						
Argentina	1,759				1,759	
Brazil	12,887	17,388	120		13,007	17,388
Colombia		6,001				6,001
Dominican Republic	7,740				7,740	
El Salvador		8,334				8,334
Guatemala	5,890				5,890	
Hawaii	1,008	678			1,008	678
Honduras	3,160				3,160	
Puerto Rico	308	232			308	232
South Africa		7,587				7,587
Total	32,752	40,220	120		32,872	40,220
<u>For livestock feed</u>						
Belgium				2,396		2,396
Brazil	12,797	994			12,797	994
El Salvador		2,649				2,649
France				4,032		4,032
South Africa	16,539				16,539	
Sweden				3,536		3,536
Total	29,336	3,643		9,964	29,336	13,607
<u>For alcohol</u>						
Brazil		5,329				5,329
Colombia		5,747				5,747
Dominican Republic	6,660				6,660	
El Salvador		4,933				4,933
Total	6,660	16,009			6,660	16,009
<u>Held pending availability of quota</u>						
Bahamas		209				209
French West Indies		904				904
Total		1,113				1,113
<u>In Customs custody</u>						
Hong Kong				47		47
Reunion		11,491				11,491
Total		11,491		47		11,538
GRAND TOTAL	68,748	72,476	120	10,011	68,868	82,487

Table 33- Sugar receipts of refiners and importers by source of supply^{1/} January-July 1970 and 1969

Source of supply	Raw sugar		Direct consumption sugar		Total	
	1970	1969	1970	1969	1970	1969
Short tons, raw value						
<u>OFFSHORE</u>						
<u>Foreign</u>						
Argentina	50,817	28,029			50,817	28,029
Bahamas	9,304	10,209			9,304	10,209
Belgium				2,454		2,454
Brazil	345,470	409,465	120		345,590	409,465
British Honduras	6,803	8,355			6,803	8,355
British West Indies	79,839	115,635	1		79,840	115,635
China, Republic of	67,905	69,451			67,905	69,451
Colombia	44,881	42,495	8	10	44,889	42,505
Costa Rica	41,995	40,818			41,995	40,818
Denmark			10	10	10	10
Dominican Republic	527,329	418,673			527,329	418,673
Ecuador	32,767	21,749			32,767	21,749
El Salvador	37,008	36,435			37,008	36,435
Fiji Islands	12,178	31,594			12,178	31,594
France				4,042		4,042
French West Indies	65,386	69,116			65,386	69,116
Germany			10	10	10	10
Guatemala	58,840	45,547			58,840	45,547
Haiti	15,996	15,820			15,996	15,820
Honduras	9,855				9,855	
Hong Kong				46		46
India	40,970	42,613	5	2	40,975	42,615
Ireland			5,351	5,351	5,351	5,351
Mexico	500,919	548,242		4	500,919	548,246
Netherlands			10	10	10	10
Nicaragua	57,428	42,642			57,428	42,642
Panama	25,822	28,560	1,385	1,605	27,207	30,165
Paraguay			10	10	10	10
Peru	148,456	125,158			148,456	125,158
Philippines	702,596	643,084	4,196	1,198	706,792	644,282
Reunion		11,491				11,491
South Africa	70,701	30,747			70,701	30,747
Sweden			6	3,547	6	3,547
Venezuela	27,099	16,855			27,099	16,855
Total	2,980,364	2,852,783	11,112	18,299	2,991,476	2,871,082
<u>Domestic</u>						
Hawaii	484,074	535,229	5,054 ^{2/}	3,183 ^{2/}	489,128	538,412
Puerto Rico	169,053	151,926	78,717	65,360	247,770	217,286
Virgin Islands	0	0	0	0	0	0
Total	653,127	687,155	83,771	68,543	736,898	755,698
Total offshore	3,633,491	3,539,938	94,883	86,842	3,728,374	3,626,780
Mainland cane area	588,899	564,786	0 ^{3/}	0 ^{3/}	588,899	564,786
Acquired for reprocessing and samples	1,224	1,091	0	0	1,224	1,091
GRAND TOTAL	4,223,614	4,105,815	94,883	86,842	4,318,497	4,192,657

^{1/} Includes sugar as detailed in table 32.^{2/} Refined sugar received by refiners.^{3/} Refined sugar produced direct from cane by processor-refiner.

Table 34 Status of 1970 quotas and charges as of August 31, 1970

Source of supply	Quotas and prorations	Total charges to quotas 1/2/3/	Balances 2/
Short tons, raw value			
Domestic beet sugar	3,597,000	2,334,000	1,263,000
Mainland cane sugar	1,308,000	890,000	418,000
Hawaii	1,145,486	625,064	520,422
Puerto Rico	360,000	276,379	83,621
Virgin Islands	0	0	0
Total	6,410,486	4,125,443	2,285,043
Republic of the Philippines	1,301,020	887,094	413,926
Argentina	78,509	67,853	10,656
Australia	206,270	69,885	136,385
Bahamas	10,000	9,513	487
Bolivia	7,599		7,599
Brazil	638,210	440,337	197,873
British Honduras	15,782	12,299	3,483
British West Indies	216,645	98,640	118,005
China, Republic of	85,946	71,623	14,323
Colombia	67,537	54,716	12,821
Costa Rica	75,133	61,495	13,638
Dominican Republic	678,209	571,785	106,424
Ecuador	92,860	33,996	58,864
El Salvador	46,429	39,242	7,187
Fiji Islands	45,265	14,090	31,175
French West Indies	68,149	65,370	2,779
Guatemala	63,314	59,106	4,208
Haiti	26,176	15,981	10,195
Honduras	7,599	7,070	529
India	82,508	44,771	37,737
Ireland	5,351	5,350	1
Malagasy Republic	9,740		9,740
Mauritius	18,909	184	18,725
Mexico	652,559	631,483	21,076
Nicaragua	75,133	64,003	11,130
Panama	39,500	35,088	4,412
Peru	455,991	201,976	254,015
South Africa	60,735	60,735	0
Swaziland	7,448	348	7,100
Thailand	18,909	18,909	0
Venezuela	32,079	31,042	1,037
Total foreign	5,189,514	3,673,984	1,515,530
Grand total	11,600,000	7,799,427	3,800,573

1/ Domestic beet and mainland cane sugar marketings partly estimated; all other sugar entered or authorized for entry.

2/ Direct-consumption charges and balances: Hawaii, 6,003 and 33,669; Panama, 2,045 and 1,772; Philippines, 7,264 and 52,656; Puerto Rico, 90,104 and 83,896; Ireland, 5,350 and 1.

3/ Includes raw sugar for direct consumption: Hawaii 26.

Table 35 - Quota-exempt and over quota sugar authorized for entry as of August 31, 1970 1/

Country	Reexport	Feed	Alcohol	For refining: under bond	Total
Short tons, raw value					
Argentina	1,759				1,759
Brazil	15,276	17,595			32,871
Dominican Republic	13,118	7,882	6,660		27,660
France	8,255				8,255
Guatemala	5,890				5,890
Honduras	3,160				3,160
Reunion	3,210				3,210
South Africa		16,539		819	17,358
United Kingdom		1,749			1,749
Total	50,668	43,765	6,660	819	101,912

1/ In addition: (a) Under provisions of Sec. 212, 247 tons were entered as liquid sugar in small containers: 82 tons as the first ten tons; (b) Raw sugar was brought in for refining and return to: Hawaii - 1,008 tons; Puerto Rico - 308 tons; (c) Tons of sugar in Customs custody for subsequent entry: Hong Kong 37; Reunion 4,322.

Table 36 . - Primary distribution of sugar, continental United States, by States, July 1970

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
New England					
Connecticut	104,301	205	3,796		108,302
Maine	45,966	4,958	2,615		53,539
Massachusetts	371,642	21,121	8,480		401,243
New Hampshire	28,448	572	807		29,827
Rhode Island	29,050	3,567	1,103		33,720
Vermont	14,961	467			15,428
Sub-total	594,368	30,890	16,801		642,059
Mid-Atlantic					
New Jersey	737,431	157	83,464		821,052
New York	1,203,840	28,651	78,099		1,310,590
Pennsylvania	1,027,423	15,910	55,825		1,099,158
Sub-total	2,968,694	44,718	217,388		3,230,800
North Central					
Illinois	698,994	1,354,453	4,300	1,500	2,059,247
Indiana	394,364	127,928	400		522,692
Iowa	45,851	169,568			215,419
Kansas	42,368	112,653		300	155,321
Michigan	367,694	406,345			774,039
Minnesota	26,706	256,892			283,598
Missouri	317,717	171,936		700	490,353
Nebraska	19,372	127,155			146,527
North Dakota	612	42,096			42,708
Ohio	801,098	195,312		2,000	998,410
South Dakota	1,863	33,551			35,414
Wisconsin	143,925	223,739			367,664
Sub-total	2,860,564	3,221,628	4,700	4,500	6,091,392
Southern					
Alabama	268,549				268,549
Arkansas	131,437	12,000		8	143,445
Delaware	71,852		60		71,912
District of Columbia	35,302		100		35,402
Florida	451,570			83,644	535,214
Georgia	669,180			2,284	671,464
Kentucky	242,123	2,360			244,483
Louisiana	410,170			2,732	412,902
Maryland	519,393		30,024		549,417
Mississippi	156,516				156,516
North Carolina	423,907		1,613		425,520
Oklahoma	105,411	35,797		1	141,209
South Carolina	215,949		760		216,709
Tennessee	361,290	-611			360,679
Texas	926,427	143,870		5,173	1,075,470
Virginia	261,546		11,762		273,308
West Virginia	79,583		1,726		81,309
Sub-total	5,330,205	193,416	46,045	93,842	5,663,508
Western					
Alaska					7,879
Arizona	2,679	5,200			86,076
California	27,551	58,525			2,283,696
Colorado	235,643	2,045,378	2,675		158,958
Idaho	6,002	152,956			43,261
Montana	1,778	41,483			34,783
Nevada	1,328	33,455			10,224
New Mexico	4,154	6,070			25,910
Oregon	6,116	19,794			240,434
Utah	34,499	201,098	4,837		96,628
Washington	9,085	87,543			370,170
Wyoming	58,202	293,680	18,288		10,380
Sub-total	2,036	8,344	25,800		3,368,399
Grand total	12,142,904	6,444,178	310,734	98,342	18,996,158

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 37. - Primary distribution of sugar, continental United States, by States, January-July 1970

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
New England					
Connecticut	742,838	22,670	31,928	200	797,636
Maine	284,360	21,748	5,034		311,142
Massachusetts	2,978,868	145,680	35,524	900	3,160,972
New Hampshire	180,519	2,185	3,961		186,665
Rhode Island	213,791	30,350	11,566		255,707
Vermont	119,925	11,103			131,028
Sub-total	4,520,301	233,736	88,013	1,100	4,483,150
Mid-Atlantic					
New Jersey	5,448,451	10,755	416,436	900	5,876,542
New York	8,875,025	317,309	443,573		9,635,907
Pennsylvania	7,418,386	187,729	310,926		7,917,041
Sub-total	21,741,862	515,793	1,170,935	900	23,429,490
North Central					
Illinois	4,620,195	9,572,775	10,200	46,300	14,249,470
Indiana	2,633,002	843,741	2,400		3,479,143
Iowa	345,055	1,035,962			1,381,017
Kansas	307,632	657,771		2,830	968,233
Michigan	2,170,836	2,571,084		1	4,741,921
Minnesota	243,474	1,469,630			1,713,104
Missouri	1,977,278	1,134,168		5,180	3,116,626
Nebraska	110,032	937,738			1,047,770
North Dakota	6,161	209,537			215,698
Ohio	4,599,593	1,624,425	1,200	10,000	6,235,218
South Dakota	18,891	176,666			195,557
Wisconsin	957,045	1,457,641			2,414,686
Sub-total	17,989,194	21,691,138	13,800	64,311	39,758,443
Southern					
Alabama	1,539,828			9,334	1,549,162
Arkansas	710,083	85,224		8	795,315
Delaware	1,126,914		1,320		1,128,234
District of Columbia	254,286		800		255,086
Florida	2,722,507		200	459,899	3,182,606
Georgia	4,030,980		1,680	7,540	4,040,200
Kentucky	1,406,862	2,361			1,409,223
Louisiana	2,312,028			23,756	2,335,784
Maryland	3,088,728		174,503	5,697	3,268,928
Mississippi	887,420			130	887,550
North Carolina	2,386,898		9,316	99	2,396,313
Oklahoma	724,073	229,040		1	953,114
South Carolina	1,234,144		3,424		1,237,568
Tennessee	2,386,385	-55	860		2,387,190
Texas	5,059,772	1,048,484	60	40,939	6,149,255
Virginia	1,751,879		43,804		1,795,683
West Virginia	487,307	10,160	7,100		504,567
Sub-total	32,110,094	1,375,214	243,067	547,403	34,275,778
Western					
Alaska	13,898	26,071			39,969
Arizona	200,712	316,098			516,810
California	3,885,626	8,043,810	7,625		11,937,061
Colorado	155,235	842,954			998,189
Idaho	21,296	172,651			193,947
Montana	24,898	168,015			192,913
Nevada	49,337	25,523			74,860
New Mexico	41,938	116,469			158,407
Oregon	325,124	923,587	13,237		1,261,948
Utah	62,755	429,981			492,736
Washington	388,717	1,194,189	51,089		1,633,995
Wyoming	13,446	39,034			52,480
Sub-total	5,182,482	12,298,382	71,951		17,552,815
Grand total	81,543,933	36,114,263	1,587,766	613,714	119,859,676

^{1/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 38 - Primary distribution of sugar, continental United States, by states, January-July 1970 and 1969

State and Region	Cane sugar		Beet		Total all	
	refiners		processors		Primary Distributors ^{1/}	
	1970	1969	1970	1969	1970	1969
Thousands of hundredweights ^{2/}						
New England						
Connecticut	743	691	23	23	798	770
Maine	284	286	22	28	311	315
Massachusetts	2,979	2,881	146	134	3,161	3,048
New Hampshire	180	226	2	2	186	228
Rhode Island	214	220	30	28	256	258
Vermont	120	125	11	4	131	129
Sub-total	4,520	4,429	234	219	4,843	4,743
Mid-Atlantic						
New Jersey	5,449	4,965	11	126	5,877	5,468
New York	8,875	8,309	317	479	9,636	9,269
Pennsylvania	7,418	6,443	188	643	7,917	7,407
Sub-total	21,742	19,717	516	1,248	23,430	22,144
North Central						
Illinois	4,620	4,901	9,573	7,491	14,249	12,452
Indiana	2,633	2,310	844	867	3,479	3,177
Iowa	345	390	1,036	930	1,381	1,320
Kansas	308	298	658	573	968	874
Michigan	2,171	1,728	2,571	2,334	4,742	4,062
Minnesota	243	245	1,469	1,312	1,713	1,561
Missouri	1,977	1,920	1,134	996	3,117	2,922
Nebraska	110	97	938	846	1,048	945
North Dakota	6	2	209	170	215	172
Ohio	4,600	3,925	1,624	1,672	6,235	5,607
South Dakota	19	12	177	172	196	184
Wisconsin	957	847	1,458	1,478	2,415	2,325
Sub-total	17,989	16,675	21,691	18,841	39,758	35,601
Southern						
Alabama	1,540	1,542			1,549	1,549
Arkansas	710	675	85	80	795	755
Delaware	1,127	1,004		39	1,128	1,046
District of Columbia	254	233		4	255	239
Florida	2,723	2,362			3,183	2,820
Georgia	4,031	4,123			4,040	4,134
Kentucky	1,407	1,359	2	26	1,409	1,385
Louisiana	2,312	2,238			2,336	2,261
Maryland	3,089	2,651		46	3,269	2,834
Mississippi	887	868			888	868
North Carolina	2,387	2,395			2,396	2,402
Oklahoma	724	685	229	284	953	971
South Carolina	1,234	1,044			1,238	1,044
Tennessee	2,386	2,387		3	2,387	2,391
Texas	5,060	4,195	1,049	1,474	6,149	5,706
Virginia	1,752	1,683		13	1,796	1,723
West Virginia	487	440	10	5	505	448
Sub-total	32,110	29,884	1,375	1,974	34,276	32,576
Western						
Alaska	14	19	26	18	40	37
Arizona	200	221	316	197	516	418
California	3,886	4,982	8,044	5,960	11,937	10,943
Colorado	155	146	843	737	998	883
Idaho	21	25	173	173	194	198
Montana	25	24	168	161	193	185
Nevada	49	60	25	21	75	81
New Mexico	42	44	116	103	158	147
Oregon	325	402	924	815	1,262	1,225
Utah	63	54	430	418	493	472
Washington	389	451	1,194	1,054	1,634	1,520
Wyoming	14	5	39	43	53	48
Sub-total	5,183	6,433	12,298	9,700	17,553	16,157
Grand total	81,544	77,138	36,114	31,982	119,860	111,226

1/ Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.

2/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 39-Sugar deliveries, by type of product or business of buyer and by type of sugar, second quarter 1970 ^{1/}

Product or business of buyer	Beet	Cane	Imported	Total	Liquid sugar	
	(total)	(total)	D.C. (total)	all sugar	included in totals	
					Beet	Cane
Hundredweights ^{2/}						
<u>Industrial</u>						
Bakery, cereal and allied products	2,639,663	4,188,872	40,733	6,869,268	137,550	675,128
Confectionery and related products	1,902,625	3,386,879	68,536	5,358,040	38,482	844,610
Ice cream and dairy products	965,432	1,941,048	21,671	2,928,151	512,853	1,365,168
Beverages	2,911,831	9,721,153	17,662	12,650,646	1,306,729	6,936,599
Canned, bottled, frozen foods, jams, jellies and preserves	1,984,309	2,263,906	60,801	4,309,016	501,007	1,114,047
Multiple and all other food uses	898,292	1,422,970	27,699	2,348,961	19,491	347,590
Non-food products	62,333	286,066	10,406	358,805	5,637	87,651
Sub-total	11,364,485	23,210,894	247,508	34,822,887	2,521,749	11,370,793
<u>Non-industrial</u>						
Hotels, restaurants, institutions	29,437	461,974	12,017	503,428	5,191	46,197
Wholesale grocers, jobbers, sugar dealers	2,957,388	7,746,514	219,165	10,923,067	75,969	74,780
Retail grocers, chain stores, super markets	990,730	5,292,901	267,591	6,551,222	36,311	51,835
All other deliveries, including deliveries to Government agencies	187,226	382,781	2,000	572,007	5,590	60,381
Sub-total	4,164,781	13,884,170	500,773	18,549,724	123,061	233,193
TOTAL DELIVERIES	15,529,266	37,095,064	748,281	53,372,611	2,644,810	11,603,986
Deliveries in consumer-size packages (less than 50 lbs.)	2,246,435	10,179,793	220,926	12,647,154		
Deliveries in bulk (unpackaged)	6,572,752	8,175,966		14,748,718		

^{1/} Represents approximately 100 percent of deliveries by primary distributors in continental United States.^{2/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 40- Sugar deliveries, by type of product or business of buyer, second quarter 1970 and percentage change from second quarter 1969

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
Hundredweights 1/						
<u>Industrial</u>						
Bakery, cereal and allied products	6,869,268	194,459	1,374,282	2,915,605	1,520,574	864,348
Confectionery and related products	5,358,040	313,361	2,103,715	1,862,889	487,460	590,615
Ice cream and dairy products	2,928,151	156,568	560,008	949,361	771,435	490,779
Beverages	12,650,646	457,183	2,331,974	3,410,375	4,593,069	1,858,045
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	4,309,016	118,492	787,657	1,176,554	968,470	1,257,843
Multiple and all other food uses	2,348,961	116,234	198,496	1,231,913	294,411	507,907
Non-food products	358,805	7,820	84,822	146,853	103,679	15,631
Sub-total	34,822,887	1,364,117	7,440,954	11,693,550	8,739,098	5,585,168
<u>Non-industrial</u>						
Hotels, restaurants, institutions	503,428	29,183	111,272	59,191	153,005	150,777
Wholesale grocers, jobbers, sugar dealers	10,923,067	465,801	1,514,831	3,838,842	3,766,174	1,337,419
Retail grocers, chain stores, super markets	6,551,222	284,094	1,270,157	1,799,519	2,596,798	600,654
All other deliveries, including deliveries to Government agencies	572,007	7,061	52,394	108,216	236,188	168,148
Sub-total	18,549,724	786,139	2,948,654	5,805,768	6,752,165	2,256,998
TOTAL DELIVERIES	53,372,611	2,150,256	10,389,608	17,499,318	15,491,263	7,842,166

Percentage change from second quarter 1969

<u>Industrial</u>						
Bakery, cereal and allied products	-2.1	-0.2	-4.5	-1.0	-2.4	-1.9
Confectionery and related products	+2.6	-2.1	+6.6	-5.4	+31.2	+0.8
Ice cream and dairy products	-2.6	-4.3	+4.0	-9.0	+4.6	-6.2
Beverages	+10.3	+26.1	+13.6	+11.7	+6.6	+9.7
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	+5.4	-14.5	+5.2	+8.0	+20.0	-3.6
Multiple and all other food uses	+3.8	+13.9	-12.5	+14.4	+7.7	-13.0
Non-food products	+13.2	-8.9	-2.6	+54.2	-14.8	+269.5
Sub-total	+4.3	+5.7	+5.3	+3.7	+6.9	+0.1
<u>Non-industrial</u>						
Hotels, restaurants, institutions	+7.3	-18.9	+32.7	-6.7	+21.2	-5.5
Wholesale grocers, jobbers, sugar dealers	+8.9	+3.5	+10.2	+13.4	+11.0	-6.1
Retail grocers, chain stores, super markets	+14.5	+16.2	+2.9	+21.6	+21.8	-4.4
All other deliveries, including deliveries to Government agencies	+6.5	-20.4	-22.4	-23.9	+21.9	+34.9
Sub-total	+10.7	+6.3	+6.8	+14.5	+15.5	-3.4
TOTAL	+6.4	+6.0	+5.7	+7.1	+10.5	-0.9

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 41.- Deliveries of cane and beet sugar by primary distributors in consumer-size packages (less than 50 pounds) second quarter 1970

Area	Cane sugar	Beet sugar	Total
Hundredweights 1/			
United States	10,400,719	2,246,435	12,647,154
New England	551,991	1,008	552,999
Middle Atlantic	1,911,873	9,601	1,921,474
North Central and West, Combined 2/	2,973,998	2,175,797	5,149,795
South	4,962,857	60,029	5,022,886

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

2/ Combined to avoid disclosure of individual company data. Total distribution in consumer-size packages in these areas: North Central, 3,501,915; West, 1,647,880

Table 42.- Deliveries of packaged, bulk and liquid sugar (beet and cane) by primary distributors during first half of 1970 and 1969 with comparisons

First quarter year	Region						U.S. total	Type of sugar	
	New England	Middle Atlantic	South	North Central	West			Beet	Cane
1,000 hundredweights 1/									
(1) Total direct deliveries									
1970	4,201	20,199	28,562	33,661	14,184	100,807	29,670	71,137	
1969	4,058	18,871	26,096	29,087	12,859	90,971	26,181	64,790	
Change	+143	+1,328	+2,466	+4,574	+1,325	+9,836	+3,489	+6,347	
(2) Consumer-size packages (granulated, less than 50 lbs.)									
1970	1,127	3,635	9,050	6,544	3,251	23,607	4,325	19,282	
1969	1,056	3,423	8,588	5,786	3,131	21,984	3,444	18,540	
Change	+71	+212	+462	+758	+120	+1,623	+881	+742	
(3) Other deliveries, industrial and institutional									
1970	3,074	16,564	19,512	27,117	10,933	77,200	25,345	51,855	
1969	3,002	15,448	17,508	23,301	9,728	68,987	22,737	46,250	
Change	+72	+1,116	+2,004	+3,816	+1,205	+8,213	+2,608	+5,605	
(3a) Bulk granulated									
1970	454	5,333	6,063	11,854	4,211	27,915	12,882	15,033	
1969	465	4,477 ^{2/}	5,250	10,822	3,641	24,655	11,431	13,224	
Change	-11	+856	+813	+1,032	+570	+3,260	+1,451	+1,809	
(3b)									
1970	1,596	6,553	7,079	6,688	3,857	25,773	4,424	21,349	
1969	1,491	5,973	6,385	5,851	3,380	23,080	4,094	18,986	
Change	+105	+580	+694	+837	+477	+2,693	+330	+2,363	
(3c) Industrial and institutional packages (granulated 50 lbs. and over)									
1970	1,024	4,678	6,370	8,575	2,865	23,512	8,039	15,473	
1969	1,046	4,998	5,873	6,628	2,707	21,252	7,212	14,040	
Change	-22	-320	+497	+1,947	+158	+2,260	+827	+1,433	

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis..

2/ Revised.

Table 43-Dextrose sales, by type of product or business of buyer, second quarter 1970 and percentage change from second quarter 1969

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
Hundredweights 1/						
<u>Industrial</u>						
Bakery, cereal and allied products	1,076,528	29,129	205,250	380,939	302,746	158,464
Confectionery and related products	181,987		91,502	33,621	47,570	9,294
Ice cream and dairy products	35,646	1,501	15,926	12,600	4,224	1,395
Beverages	280,335	7,804	120,124	78,432	53,646	20,329
Canned, bottled, frozen foods, jams, jellies	143,799	5,000	39,576	47,039	30,768	21,416
Multiple and all other food uses	249,021	877	49,538	40,468	80,833	77,305
Non-food products	490,152	156,292	116,433	98,587	111,449	7,391
Sub-total	2,457,468	200,603	638,349	691,686	631,236	295,594
<u>Non-industrial 2/</u>	82,292	1,546	2,989	29,055	13,282	35,420
<u>TOTAL SALES</u>	2,539,760	202,149	641,338	720,741	644,518	331,014

Percentage change from second quarter 1969

<u>Industrial</u>						
Bakery, cereal and allied products	-5.8	-45.7	-1.1	-12.0	+7.0	-4.4
Confectionery and related products	-15.7		-9.8	-66.3	+1257.2	+10.2
Ice cream and dairy products	-3.0	-28.4	+46.4	+1.2	-50.6	-49.8
Beverages	+23.1	+43.2	+26.2	+11.4	+26.6	+41.0
Canned, bottled, frozen foods; jams, jellies preserves, etc.	-10.3	-29.7	-8.9	-30.2	+22.5	+23.5
Multiple and all other food uses	+11.9	-34.7	-12.6	-51.9	+259.1	+33.3
Non-food products	+15.0	+25.7	+37.5	-7.1	+11.1	-33.0
Sub-total	+1.0	+3.1	+6.4	-20.8	+30.1	+5.7
Non-industrial	-2.6	-21.2	-37.6	-4.8	+250.3	-18.5
TOTAL	+0.9	+2.8	+6.1	-20.3	+31.8	+2.5

1/ Reported as produced and sold (typically dextrose hydrate) and excludes small amounts to competitors as well as small quantities used in miscellaneous mixes.

2/ Principally deliveries to wholesalers and retailers but also includes miscellaneous non-industrial deliveries as follows: New England, 0; Middle Atlantic, 1,209; North Central, 712; South, 910; West 885; Total, 3,716

Table 44.- Sugar prices

Period	Raw cane sugar—spot price			Quota	Refined beet sugar quoted		
					wholesale (gross) 4/		
	Domestic	"World"		premium			
	sugar at NY	sugar 2/	and	discount 3/	Eastern	Chicago-West	Pacific Coast
Cents per pound							
1965-69 Monthly average	7.26	2.26	+4.03		9.69	9.69	9.88
1968 Monthly average	7.52	1.98	+4.56		9.94	9.94	10.35
1969 Monthly average	7.75	3.37	+3.38		10.23	10.23	10.14
<u>1969</u>							
September	7.83	3.10	+3.73		10.35	10.35	10.25
October	7.89	3.12	+3.77		10.35	10.35	10.25
November	7.79	3.08	+3.71		10.35	10.35	10.16
December	7.73	2.86	+3.87		10.35	10.35	9.81
<u>1970</u>							
January	8.11	3.12	+3.91		10.50	10.50	10.38
February	7.96	3.23	+3.61		10.58	10.58	10.50
March	7.90	3.44	+3.34		10.85	10.85	10.50
April	7.90	3.62	+3.16		10.85	10.85	10.50
May	8.16	3.75	+3.26		10.85	10.85	10.70
June	8.22	3.82	+3.25		11.20	11.20	10.70
July	8.16	3.86	+3.15		11.20	11.20	10.70
August	8.19	3.89	+3.15		11.20	11.20	11.70
Last 12-month average	7.99	3.41	+3.49		10.72	10.72	10.43
Year and month	Refined cane sugar - quoted wholesale (gross) 4/						Retail
							U.S.
	North	South	Gulf	Chicago-West	Pacific Coast		average
Cents per pound							
1965-69 Monthly average	10.70	10.24	10.10	9.80	9.88		12.12
1968 Monthly average	10.84	10.59	10.45	9.94	10.35		12.18
1969 Monthly average	11.44	10.85	10.50	10.23	10.14		12.40
<u>1969</u>							
September	11.60	10.86	10.50	10.35	10.25		10.52
October	11.70	11.00	10.65	10.35	10.25		12.50
November	11.70	11.00	10.65	10.35	10.16		12.48
December	11.70	11.00	10.65	10.35	9.81		12.48
<u>1970</u>							
January	11.70	11.06	10.80	10.50	10.38		12.54
February	11.70	11.20	10.87	10.58	10.50		12.58
March	11.70	11.20	10.90	10.85	10.50		12.70
April	11.70	11.20	10.90	10.85	10.50		12.76
May	11.88	11.20	10.90	10.85	10.70		12.84
June	12.05	11.43	11.15	11.20	10.70		12.92
July	12.05	11.50	11.15	11.20	10.70		13.04
August	12.05	11.50	11.15	11.20	10.70		13.12
Last 12-month average	11.79	11.18	10.86	10.72	10.43		12.71

1/ Spot prices are for bulk sugar under Contract No. 10 which, beginning November 21, 1966, replaces Contract No. 7. The terms of these contracts are duty paid or duty free, full duty rate .625 cent per pound.

2/ Spot prices are those under No. 8 Contract which is for bagged sugar f.o.b. and stowed at Greater Caribbean ports (including Brazil).

3/ The No. 10 "Domestic Bulk" Contract has been adjusted by deducting duty (.625¢), computed freight from the Greater Caribbean ports (including Brazil), insurance and unloading charges and adding the bag allowance (currently .55¢) before calculating the differential from No. 8 "World" Contract spot prices.

4/ These are basis prices in 100-pound paper bags, NOT delivered prices. To obtain delivered prices add "Freight Prepays" and deduct discounts and allowances. For illustration see Sugar Reports 81, January 1959, pages 5 to 9.

Table 45 Wholesale price quotations for sugar, dextrose and corn sirup

Period	Refined sugar wholesale North- east 1/	Dextrose New York 2/	Corn sirup New York 3/	Dextrose relative to refined sugar	Corn sirup relative to refined sugar
	Quoted basis 1/	Dry basis 4/	Quoted basis 4/	Quoted basis	Quoted basis
Cents per pound			Percent		
1952	8.62	7.29	7.92	7.37	9.18
1953	8.72	7.35	7.99	7.32	9.12
1954	8.72	7.32	7.96	7.32	9.12
1955	8.59	7.22	7.85	7.25	9.03
1956	8.77	7.28	7.91	7.15	8.90
Average 1952-56	8.68	7.29	7.93	7.28	9.07
1957	9.15	7.65	8.32	7.36	9.17
1958	9.27	7.66	8.33	7.37	9.18
1959	9.33	7.48	8.13	7.31	9.10
1960	9.43	7.48	8.13	7.32	9.12
1961	9.40	7.45	8.10	7.23	9.00
Average 1957-61	9.32	7.54	8.20	7.32	9.11
1962	9.60	7.40	8.04	7.01	8.73
1963	11.94	8.37	9.10	7.38	9.19
1964	10.68	8.14	8.85	6.71	8.36
1965	10.22	8.00	8.70	6.64	8.27
1966	10.36	8.16	8.87	6.70	8.34
Average 1962-66	10.56	8.01	8.71	6.89	8.58
1967	10.62	8.37	9.10	6.75	8.40
1968	10.84	8.53	9.27	6.31	7.85
1969	11.44	8.98	9.77	6.26	7.80
<u>1969</u>					
September	11.60	9.15	9.95	6.39	7.96
October	11.70	9.16	9.96	6.43	8.01
November	11.70	9.16	9.96	6.43	8.01
December	11.70	9.16	9.96	6.43	8.01
<u>1970</u>					
January	11.70	9.16	9.96	6.45	8.03
February	11.70	9.17	9.97	6.50	8.09
March	11.70	9.24	10.04	6.50	8.09
April	11.70	9.24	10.04	6.50	8.09
May	11.88	9.24	10.04	6.50	8.09
June	12.05	9.24	10.04	6.50	8.09
July	12.05	9.41	10.23	6.54	8.14
August	12.05	9.52	10.35	6.90	8.59
Last 12-month average	11.79	9.24	10.04	6.51	8.10

1/ Gross basis price in 100-pound bags subject to a 2 percent cash discount.

2/ Hydrate, commercial bags less than carlots, ex whse., N.Y., N.Y. Beginning April 1964 price is for 600 bag carload f.o.b. N.Y.

3/ For regular conversion sirup (38-49 D.E.) in tank cars New York, N.Y., except prior to April 1964 price quotation is for corn sirup in drums. Quoted as 43° Baume unmixed, except prior to March 1956 quotation is for 42° Baume unmixed.

4/ Assumes price is for 92 percent solids for dextrose and 80.3 percent solids for corn sirup. Thus dry basis price is quoted price divided by 0.92 for dextrose and 0.803 for corn sirup.

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Agricultural Stabilization and Conservation Service
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Table 46 - Refined sugar production and month end stocks

Year and month	Production		Month-end stocks ^{1/}	
	Cane sugar refiners	Beet processors	Cane sugar refiners	Beet processors
1,000 short tons, raw value				
1965-69 monthly average	606	248	274	1,186
1968 monthly average	642	253	293	1,042
1969 monthly average	613	270	278	1,217
<u>1969</u>				
September	696	153	278	489
October	643	562	298	769
November	551	623	297	1,156
December	574	567	269	1,413
<u>1970</u>				
January	585	475	254	1,677
February	529	290	264	1,707
March	637	132	264	1,553
April	658	151	309	1,455
May	707	129	332	1,338
June	614	73	253	1,076
July	640	111	217	842
August ^{2/}	665	105	209	545
Last 12-month average	625	281	270	1,168

^{1/} Includes over-quota and quota exempt.

^{2/} Preliminary